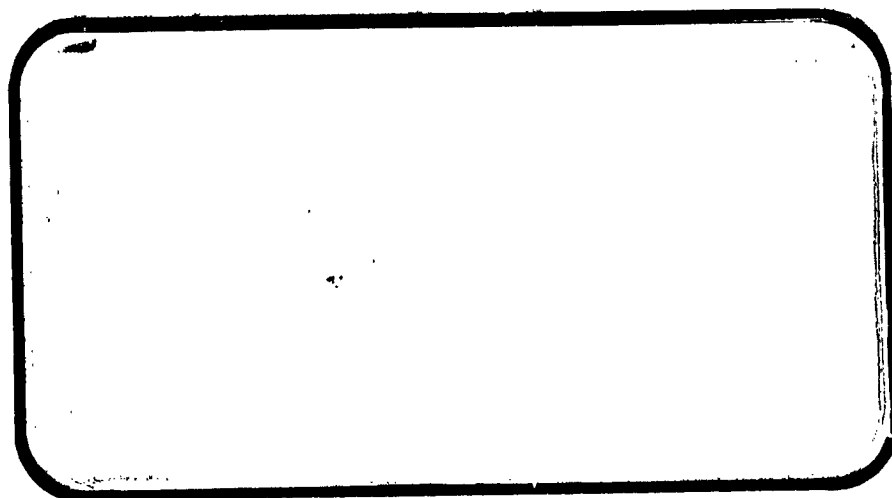




# NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

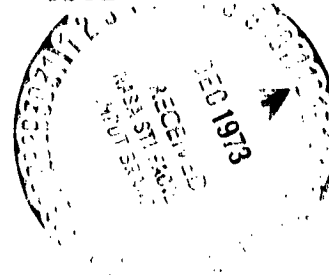


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SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT

JOHNSON SPACE CENTER

HOUSTON, TEXAS

DATA MANAGEMENT services

SPACE DIVISION



CHRYSLER  
CORPORATION

September, 1973

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NASA CR-128,758

PRESSURE LOADS AND AERODYNAMIC FORCE  
INFORMATION FOR THE -89A SPACE SHUTTLE  
ORBITER CONFIGURATION

VOLUME I

By

R. C. Mennell, Rockwell International

Prepared under NASA Contract Number NAS9-13247

by

Data Management Services  
Chrysler Corporation Space Division  
New Orleans, La. 70189

for

Engineering Analysis Division

Johnson Space Center  
National Aeronautics and Space Administration  
Houston, Texas



WIND TUNNEL SPECIFICS:

Test Number: NAAL 699  
NASA Series No.: OA45  
Test Date: February 21 - February 28, 1973

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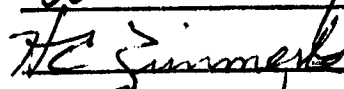
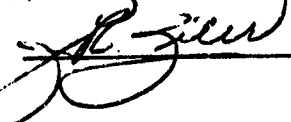
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This document has been reviewed and is approved for release.

for N. D. Kemp  
Data Management Services

  
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Chrysler Corporation Space Division assumes no responsibility for the data presented herein other than its display characteristics.

PRESSURE LOADS AND AERODYNAMIC FORCE  
INFORMATION FOR THE -89A SPACE SHUTTLE  
ORBITER CONFIGURATION

By

R. C. Mennell, Rockwell International

SUMMARY

Experimental aerodynamic investigations were conducted at the Rockwell International Low Speed Wind Tunnel (NAAL) during February 1973, on an 0.0405 scale representation of the Rockwell -89A Light Weight Space Shuttle Orbiter.

The test purpose was to obtain pressure loads data in the presence of the ground for orbiter structural strength analysis. Aerodynamic force data was also recorded to allow correlation with all pressure loads information.

Angles of attack from  $-3^{\circ}$  to  $18^{\circ}$  and angles of sideslip of  $0^{\circ}$ ,  $\pm 5^{\circ}$ , and  $\pm 10^{\circ}$  were tested in the presence of the NAAL ground plane. The model support clearance hole was maintained to the smallest allowable dimension to permit the execution of the aforementioned test regimes. Static pressure "bugs" were used to obtain a pressure loads survey of the basic configuration, elevator deflections of  $5^{\circ}$ ,  $10^{\circ}$ ,  $15^{\circ}$ , and  $-20^{\circ}$  and a rudder deflection of  $-15^{\circ}$ , at a tunnel dynamic pressure of 40 psi.

The test procedure was to locate a maximum of 30 static pressure "bugs" on the model surface at various locations calculated to prevent aerodynamic and physical interference. Then by various combinations (per table IV) of locations the pressure "bugs" output was to define a complete pressure survey for the fuselage, wing, vertical tail, and main landing gear door.

Tabulated force and pressure source data is presented as Volume II of this document.

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\* NOTE: The side-by-side plot grids, two grids per page, correspond to two values of alpha or beta listed beside the symbol table. The first value listed applies to the left plot grid.

# INDEX TO DATA FIGURES (CONTINUED)

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\* See Note on Page 4

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\* See Note on Page 4

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		Y/B, Alpha * (BETA = 0°)	512-525
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\* See Note on Page 4



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TITLE	SCHEDULE OF COEFFICIENTS PLOTTED	CONDITIONS VARYING	PAGES
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\* See Note on Page 4

## INDEX TO DATA FIGURES (CONCLUDED)

### SCHEDULE OF COEFFICIENTS PLOTTED:

- A. CL, CN, CLM, L/DF, CDF, CAF, CAB, XCP/L vs. ALPHA  
CL vs. CDF and CLM
- B. CY, CBL, CYN vs. ALPHA
- C. CP vs. X/L
- D. CP vs. PHI
- E. CP vs. X/C
- F. CP vs. X/CV
- G. CP vs. X/LG
- H. CP vs. ALPHA

# NOMENCLATURE General

<u>SYMBOL</u>	<u>SADSAC SYMBOL</u>	<u>DEFINITION</u>
a		speed of sound; m/sec, ft/sec
C <sub>p</sub>	CP	pressure coefficient; $(p_1 - p_\infty)/q$
M	MACH	Mach number; $V/a$
p		pressure; N/m <sup>2</sup> , psf
q	Q(NSM) Q(PSF)	dynamic pressure; $1/2\rho V^2$ , N/m <sup>2</sup> , psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
$\alpha$	ALPHA	angle of attack, degrees
$\beta$	BETA	angle of sideslip, degrees
$\psi$	PSI	angle of yaw, degrees
$\phi$	PHI	angle of roll, degrees
$\rho$		mass density; kg/m <sup>3</sup> , slugs/ft <sup>3</sup>

## Reference & C.G. Definitions

A <sub>b</sub>		base area; m <sup>2</sup> , ft <sup>2</sup>
b	BREF	wing span or reference span; m, ft
c.g.		center of gravity
$\bar{c}$ <sub>REF</sub>	LREF	reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; m <sup>2</sup> , ft <sup>2</sup>
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis

## SUBSCRIPTS

b	base
l	local
s	static conditions
t	total conditions
$\infty$	free stream

# NOMENCLATURE (Continued)

## Body-Axis System

<u>SYMBOL</u>	<u>SADSAC SYMBOL</u>	<u>DEFINITION</u>
$C_N$	CN	normal-force coefficient; $\frac{\text{normal force}}{qS}$
$C_A$	CA	axial-force coefficient; $\frac{\text{axial force}}{qS}$
$C_Y$	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
$C_{Ab}$	CAB	base-force coefficient; $\frac{\text{base force}}{qS}$ $-A_b(p_b - p_\infty)/qS$
$C_{A_f}$	CAF	forebody axial force coefficient, $C_A - C_{A_b}$
$C_m$	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS l_{REF}}$
$C_n$	CYN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qS b}$
$C_l$	CBL	rolling-moment coefficient; $\frac{\text{rolling moment}}{qS b}$
XCP/LB	XCP/L	center of pressure location, percent of body length

## Stability-Axis System

$C_L$	CL	lift coefficient; $\frac{\text{lift}}{qS}$
$C_D$	CD	drag coefficient; $\frac{\text{drag}}{qS}$
$C_{D_b}$	CDB	base-drag coefficient; $\frac{\text{base drag}}{qS}$
$C_{D_f}$	CDF	forebody drag coefficient; $C_D - C_{D_b}$
$C_Y$	CY	side-force coefficient; $\frac{\text{side force}}{qS}$
$C_m$	CLM	pitching-moment coefficient; $\frac{\text{pitching moment}}{qS l_{REF}}$
$C_n$	CLN	yawing-moment coefficient; $\frac{\text{yawing moment}}{qS b}$
$C_l$	CSI	rolling-moment coefficient; $\frac{\text{rolling moment}}{qS b}$
$L/D_f$	L/DF	lift to drag ratio; $C_L/C_{D_f}$

# NOMENCLATURE (CONTINUED)

## Surface Definitions

<u>SYMBOL</u>	SADSAC <u>SYMBOL</u>	<u>DEFINITION</u>
$\delta_e$	ELEVTR	elevation, surface deflection angle, positive deflection, trailing edge down; degrees
$\delta_f$	B.FLAP	body flap, surface deflection angle, positive deflection, trailing edge down; degrees
$\delta_r$	RUDDER	rudder, surface deflection angle, positive deflection, trailing edge to the left; degrees
$\delta_{rf}$	RUDFLR	rudder flare, split rudder deflection angle, left split rudder trailing edge left and right split rudder trailing edge right, $\delta_{rf} = (\delta_{rL} + \delta_{rR})/2$ , positive deflection; degrees

## ADDITIONS TO STANDARD NOMENCLATURE FOR NAAL TEST NO. 699

<u>SYMBOL</u>	SADSAC <u>SYMBOL</u>	<u>DEFINITION</u>
$x/e_l$	X/L	<p>fuselage local coordinate, longitudinal distance from the nose expressed as a fraction of body length</p> $X/L = \frac{F.S. - 200}{1328} \quad F.S. = \text{full scale fuselage station}$
$\phi$	PHI	<p>fuselage, local coordinate, radial position angle measured from the bottom centerline in degrees; positive sense is clockwise looking forward.</p>
$\eta, \frac{y}{b/2}$	Y/B	<p>wing local coordinate, spanwise distance from model centerline expressed as a fraction of wing semi-span.</p>
$x/c$	X/C	<p>wing local coordinate, chordwise distance from the local leading edge expressed as a fraction of local chord.</p>

# ADDITIONS TO NOMENCLATURE (CONCLUDED)

<u>SYMBOL</u>	<u>SADSAC SYMBOL</u>	<u>DEFINITION</u>
$\eta_v, \frac{z}{b_v}$	Z/BV	vertical tail local coordinate, vertical distance from W.L. 500 (full scale) expressed as a fraction of the vertical tail height measured from W.L. 500.
$x/c_v$	X/CV	vertical tail local coordinate, chordwise distance from the local leading edge expressed as a fraction of local chord.
$x/l_g$	X/LG	main landing gear door local coordinate, longitudinal distance from the leading edge expressed as a fraction of door length.
$x/l_g$	Z/LG	main landing gear door local coordinate, vertical distance from the bottom edge expressed as a fraction of the door height at the trailing edge (see figure 2a ).

## MODEL DESCRIPTION

The model used for this test period was an 0.0405 representation of the Rockwell International -89A Light Weight Space Shuttle Orbiter. The basic model is of the blended wing-body design utilizing a double delta wing (75/45 L.E.); full span; split elevons (unswept hingeline); a centerline vertical tail with rudder and/or speed brake capability; and an orbital maneuvering system (OMS) mounted on the aft fuselage sidewalls. To complete the basic configuration a canopy and manipulator arm housing (MAH) attach to the fuselage upper surface. All model components were per the -89A configuration except for the fuselage lines from station 1307 aft and the OMS pods. The variation due to these non-89A components was considered to be insignificant.

The following nomenclature was used to designate the various model components:

<u>Component</u>	<u>Description</u>
B <sub>10</sub>	ATP fuselage modified fwd. of sta. 1307 to reflect -89A lines
C <sub>5</sub>	-89A Baseline canopy
D <sub>7</sub>	-89A Baseline manipulator arm housing
E <sub>18</sub>	Full span split elevon used on wing W <sub>87</sub>
F <sub>1</sub>	Fuselage B <sub>10</sub> body flap
G <sub>1</sub>	Gear doors
M <sub>2</sub>	Fuselage B <sub>10</sub> OMS pods (PRR)
R <sub>5</sub>	-89A Rudder used on vertical V <sub>5</sub>
V <sub>5</sub>	-89A Baseline vertical tail
W <sub>87</sub>	-89A Baseline wing (75/45 $\Lambda$ L.E.)

## FACILITY DESCRIPTION

The North American Aerodynamics Laboratory (NAAL) 7.75 x 11-Foot Wind Tunnel is a continuous flow, closed circuit, single return type tunnel capable of speeds up to 200 miles per hour. The test section is vented to atmospheric pressure and is 7.75 x 11 feet wide by 12 feet in length. Power is supplied by a 1250 horsepower nacelle mounted synchronous motor driving a 19 foot, seven blade, laminated birch propeller. The airspeed is controlled by varying the degree of coupling between the motor and propeller by means of a magnetic clutch. A damping screen and honeycomb section in the settling chamber upstream from the contraction cone (ratio 7.53 to 1) minimizes turbulence in the test section. The NAAL Wind Tunnel has been in operation since June 1943 and calibrations are available over a wide range of test conditions.

Tests may be conducted using a variety of mounting systems, e.g.; a single strut, double strut, sting strut, reflection plane, cable suspension, and two dimensional wall. Aerodynamic data may be measured by a planar type external balance system or sting mounted internal balances. An Astrodata Automatic Data Acquisition System is used to collect, multiplex, digitize, and record 50 channels of force and/or pressure data on magnetic tape. This data is then rapidly reduced and plotted using automatic data processing equipment and an automatic digital plotter.



## DATA REDUCTION

All model force and pressure data was reduced to coefficient form in both the body and stability axis systems. Model angle of attack and angle of sideslip was corrected for sting and balance deflections in addition to the standard facility corrections (wall interference, blockage effects, etc.) applied as required.

Axial force (body axes) was corrected for model weight tare and base pressure effects prior to the calculation of stability axes data. The axial force corrections were applied in the following manner:

$$C_{AF} = C_A - C_{ABC} - C_{AB} - C_{AT}$$

where

$$C_{ABC} = - \left( \frac{P_{BC} - P_o}{q} \right) \left( \frac{A_{BC}}{S_w} \right)$$

and

$$C_{AB} = - \left( \frac{P_B - P_o}{q} \right) \left( \frac{A_B}{S_w} \right), \quad P_B = 1/5 (P_{B1} + P_{B2} + \dots + P_{B5})$$

and

$$C_{AT} = \text{Model axial force weight tare}$$

Center of pressure location was computed in percent of body length as indicated below:

$$X_{CP}/LB = \left( \text{C.G. (in. aft of nose)} - \frac{C_m \bar{c}_w}{C_N} \right) / LB$$

All model pressure measurements recorded were reduced to coefficient form in the following manner:

$$C_{p1 \rightarrow i} = \left( \frac{P_{1 \rightarrow i} - P_o}{q} \right), \quad i = \text{number of pressures}$$

## DATA REDUCTION - Continued

All aerodynamic data were reduced to coefficient form using the following reference dimensions:

<u>Symbol</u>	<u>Definition</u>	<u>Value Model Scale</u>	<u>Full Scale</u>
AB	Area of base - ft <sup>2</sup>	0.51959	.
ABC	Area of balance cavity-ft <sup>2</sup>	0.13635	
b <sub>w</sub>	Span wing, in	37.935	936.68
$\bar{C}_w$	MAC wing, in	19.300	474.81
C.G.X	Reference C.G., in. aft of nose , fus. sta.	35.4974 43.5974	876.48 1076.48
C.G.Z	Reference C.G., waterplane	16.2000	400.00
LB	Length model body, in.	53.7840	1328.00
S <sub>w</sub>	Area wing, ft <sup>2</sup>	4.412	2690.00

TEST : NAAL 699 - 0A115

TABLE I.

DATE : 2/21-28/73

	TEST CONDITIONS
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[illegible]

BALANCE UTILIZED: MK IX - 2.5 INCH

	CAPACITY:	ACCURACY:	COEFFICIENT TOLERANCE:
NF	<u>1500#</u>	<u>+ .25%</u>	<u>                    </u>
SF	<u>750#</u>	<u>+ .25%</u>	<u>                    </u>
AF	<u>200#</u>	<u>+ .25%</u>	<u>                    </u>
PM	<u>                    </u>	<u>                    </u>	<u>                    </u>
RM	<u>4000 in#</u>	<u>+ .25%</u>	<u>                    </u>
YM	<u>                    </u>	<u>                    </u>	<u>                    </u>

COMMENTS:





TABLE IIa. TEST NAAL 699~AD45 DATA SET/RUN NUMBER COLLATION SUMMARY (CONCLUDED)

☐ PRETEST

☒ POSTTEST

FORCE DATA ONLY SERIES NO.

DATA SET IDENTIFIER	CONFIGURATION	SCHED.		CONTROL DEFLECTION				NO. of RUNS											
		$\alpha$	$\beta$	de	df	dr	dr	dr	dr	37	38	39	40	41					
RDL085	Bol's Dr Mr F. W. 16 15	A	0	0	-13	-15	40	1											
077	Bol's Dr Mr F. W. 16 15			+5		0						35							
143				+10								77							
173				+5								143							
174				-20								173							
175			5									174							
176			-5									175							
												176							

1 7 13 19 25 31 37 43 49 55 61 67 75 76

COEFFICIENTS:  $\alpha(A) = -3, -1, 0, 1, 2, 4, 6, 8, 10, 12, 14, 16, 18$

$\alpha$  or  $\beta$

SCHEDULES

TABLE IIb. DATASET/COMPONENT COLLATION SUMMARY

TEST: NAAL 699-A045										DATE: 2/21-28/73																			
DATA SET IDENTIFIER		COMPONENT		SCHD. PARAMETERS/VALUES			NO. OF RUNS	BETA			(OF ALTERNATE INDEPENDENT VARIABLE)																		
RDLB01		LEFT FUSELAGE		A																									
2							0	-18			0	40																	
3							15				0	0																	
4							10				0	0																	
							20				-15																		
RDLB05		LEFT FUSELAGE					0				-15																		
RDLA05		RIGHT FUSELAGE					0				0																		
RDLLO1		LEFT LOWER WING					0				0																		
2							15																						
3							10																						
RDLLO4		LEFT LOWER WING					-20																						
RDLU01		LEFT UPPER WING					0																						
2							15																						
3							10																						
RDLU04		LEFT UPPER WING					-20																						
RDLV01		LEFT VERTICAL					0				0																		
RDLV05		LEFT VERTICAL					0				-15																		
RDLR01		RIGHT VERTICAL					0																						
RDLR05		RIGHT VERTICAL					0				-18	-140																	
1		7		13		19		25		31		37		43		49		55		61		67		73		75		76	

$\alpha$  OR  $\beta$   
SCHEDULES

- (1) PRESSURES FOR STATIONS FORWARD OF F.S. 880 ( $x/l = 0.5120$ ) WERE OBTAINED FROM DATA OF RDLB01
- (2) PRESSURES FOR STATIONS FORWARD OF F.S. 1245 ( $x/l = 0.7869$ ) WERE OBTAINED FROM DATA OF RDLB01

TABLE IIB. DATASET/COMPONENT COLLATION SUMMARY

TEST: NAAL 699-ADDS DATE: 2/21-28/73

DATA SET IDENTIFIER	COMPONENT	SCHD.		PARAMETERS/VALUES				NO. OF RUNS	BETA					(OR ALTERNATE INDEPENDENT VARIABLE)										TEST RUN NUMBERS					
		$\alpha$	$\beta$	$\alpha$	$\beta$	$\gamma$	$\delta$		$\epsilon$	$\zeta$	$\eta$	$\theta$	$\iota$	$\kappa$	$\lambda$	$\mu$	$\nu$	$\xi$	$\omicron$	$\pi$	$\rho$	$\sigma$	$\tau$		$\upsilon$	$\phi$	$\chi$	$\psi$	$\omega$
EDX001	OMS P20 OUTSIDE	A		0	-18	0	40		-10	-5	0	5	10																
	NO1 OMS P20 INSIDE																												
	GO1 LG DOOR OUTSIDE																												
	HO1 LG DOOR INSIDE																												
	FO1 BODY FLAP																												
	CO1 FUSELAGE BASE							0																					
	CO5 FUSELAGE BASE							-15																					
	IO1 VERTICAL BASE							0																					
	PO1 APU INLET							0																					
RDX	POST APU INLET	A		0	-18	-15	40																						

COEFFICIENTS

$\alpha$  OR  $\beta$  SCHEDULES

IDVAR (1) IDVAR (2) NDV

(3) LG = MAIN LANDING GEAR



TABLE III.  
MODEL COMPONENT DESCRIPTION

MODEL COMPONENT: BODY - B10

GENERAL DESCRIPTION: FUSELAGE LINES PER VL70-000093.  
57.0 IN. RADIUS NOSE.

SCALE MODEL = .0405

DRAWING NUMBER:

VL72-000089  
VL70-000093

DIMENSIONS:

FULL-SCALE

MODEL SCALE

Length ~ IN.

1328.30

53.796

Max. Width ~ IN.

216.00

8.748

Max. Depth ~ IN.

239.00

9.680

Fineness Ratio

5.495

5.475

Area ~ ft<sup>2</sup>

Max. Cross-Sectional

319.56

0.524

Planform

\_\_\_\_\_

\_\_\_\_\_

Wetted

\_\_\_\_\_

\_\_\_\_\_

Base

\_\_\_\_\_

\_\_\_\_\_

TABLE III. (CONTINUED)

MODEL COMPONENT: - CANOPY C5GENERAL DESCRIPTION: CANOPY LINES PER VL70-000092SCALE MODEL = .0405DRAWING NUMBER: VL70-000092

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
STA. FWD. BULKHEAD ~ IN.	<u>391.00</u>	<u>15.836</u>
STA. T.E. ~ IN.	<u>560.00</u>	<u>22.680</u>
CANOPY INTERSECTS BODY ML. ~ IN.	<u>391.00</u>	<u>15.836</u>
Fineness Ratio	_____	_____
Area		
Max. Cross-Sectional	_____	_____
Planform	_____	_____
Wetted	_____	_____
Base	_____	_____

TABLE III. (CONTINUED)

MODEL COMPONENT: - MANIPULATOR ARM HOUSING D7GENERAL DESCRIPTION: MAN LINES PER LINES VL70-000093SCALE MODEL = .0405DRAWING NUMBER: VL70-000093

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Length ~ $1/N$ .	<u>881.00</u>	<u>35.681</u>
Max. Width ~ $1/N$ .	<u>51.00</u>	<u>2.066</u>
Max. Depth ~ $1/N$ .	<u>20.00</u>	<u>0.810</u>
Fineness Ratio	<u>          </u>	<u>          </u>
Area		
Max. Cross-Sectional	<u>          </u>	<u>          </u>
Planform	<u>          </u>	<u>          </u>
Wetted	<u>          </u>	<u>          </u>
Base	<u>          </u>	<u>          </u>

TABLE III. (CONTINUED)

MODEL COMPONENT: - ORBITAL MANEUVERING SYSTEM - M2

GENERAL DESCRIPTION: ORBITAL MANEUVERING SYSTEM LOCATED  
ON FUSELAGE B10, HIGH SHOULDER LOCATION.

SCALE MODEL = .0405

DRAWING NUMBER: VL7D-005012

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Length ~ 1/10.	<u>234.94</u>	<u>11.54</u>
Max. Width ~ 1/10.	<u>100.25</u>	<u>4.06</u>
Max. Depth ~ 1/10.	<u>104.20</u>	<u>4.22</u>
Fineness Ratio	_____	_____
Area		
Max. Cross-Sectional	_____	_____
Planform	_____	_____
Wetted	_____	_____
Base	_____	_____

TABLE III. (CONTINUED)

MODEL COMPONENT: - BODY FLAP F<sub>1</sub>GENERAL DESCRIPTION: BODY FLAP LOCATED ON LOWER AFT PORTION  
OF FUSELAGE TRAILING EDGE. MAIN ENGINE PROTECTION FLAP.SCALE MODEL = .0405DRAWING NUMBER: VL70-000003A

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Length ~ IN.	<u>236.54</u>	<u>9.580</u>
FLAP L.E. FUS. STA. ~ IN.	<u>1528.30</u>	<u>61.896</u>
Max. Depth FLAP T.E. FUS. STA. ~ IN.	<u>1650.56</u>	<u>66.848</u>
SPAN ~ IN	<u>236.54</u>	<u>9.580</u>
Area ~ ft <sup>2</sup>		
Max. Cross-Sectional		
Planform	<u>199.75</u>	<u>0.328</u>
Wetted		
Base		

TABLE III. (CONTINUED)

MODEL COMPONENT: G-1 Gear Doors

GENERAL DESCRIPTION: Configuration consist of two (2) nose gear doors and one (1) main gear door. Gear fully extended. Ref. sketch 1 and 2.

Scale Model = 0.0405 Doors in full open position.

TEST \_\_\_\_\_  
DRAWING NUMBER: SSA-00007

<u>DIMENSIONS:</u>		<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Length		_____	_____
Max. Width		_____	_____
Max. Depth		_____	_____
Fineness Ratio		_____	_____
Area			
Max. Cross-Sectional		_____	_____
Planform		_____	_____
Wetted		_____	_____
Base		_____	_____
Ref. Point: Top right hand corner			
Nose	Door (A)	WL = -4.595 in MS: -113.457 in.FS	
		MS = 13.786: 339.950 in. FS	
	Door (B)	WL = -4.56 in. MS: -112.592 in. FS	
		MS = 11.836 in. MS: 292.247 in. FS	
Main Door		WL = -5.546 in. MS: -136.938 in. FS	
		MS = 48.177 in. MS: 1189.550 in. FS	
Frontal Area $\Delta \epsilon B = .16 \times .72 = .1152 \text{ in}^2 \text{ MS}$		70.2431 in <sup>2</sup> FS	
Frontal Area of Main = $.16 \times 2.31 = 0.3696 \text{ in. MS}$		225.36585 in <sup>2</sup> FS	

TABLE III. (CONCLUDED)

MODEL COMPONENT: WING W-87GENERAL DESCRIPTION: -89A CONFIGURATION DOUBLE DELTA WING,  
L.L.E. = 75°/45°SCALE MODEL = .0405DRAWING NUMBER: VL70-000073DIMENSIONS:FULL-SCALEMODEL SCALETOTAL DATA

Area - $ft^2$ (W.R.P.)	<u>2687.38</u>	<u>4411</u>
Planform		
Wetted		
Span (equivalent) - $ft$	<u>77.17</u>	<u>3.125</u>
Aspect Ratio	<u>2.214</u>	<u>2.214</u>
Rate of Taper	<u>1.176</u>	<u>1.176</u>
Taper Ratio	<u>0.207</u>	<u>0.207</u>
Diehedral Angle, degrees	<u>3.861</u>	<u>3.861</u>
Incidence Angle, degrees	<u>3.000</u>	<u>3.000</u>
Aerodynamic Twist, degrees		
Toe-In Angle		
Cant Angle		
Sweep Back Angles, degrees		
Leading Edge	<u>44.873</u>	<u>44.873</u>
Trailing Edge	<u>-10.242</u>	<u>-10.242</u>
0.25 Element Line	<u>35.050</u>	<u>35.050</u>
Chords: $\sim IN$ ,		
Root (Wing Sta. 0.0)	<u>690.19</u>	<u>27.953</u>
Tip, (equivalent)	<u>144.30</u>	<u>5.844</u>
MAC	<u>476.76</u>	<u>19.307</u>
Fus. Sta. of .25 MAC	<u>1136.12</u>	<u>46.013</u>
W.P. of .25 MAC	<u>287.44</u>	<u>11.722</u>
B.L. of .25 MAC	<u>181.03</u>	<u>7.330</u>
Airfoil Section		
Root		
Tip		

EXPOSED DATA

Area - $ft^2$	<u>1746.87</u>	<u>2.865</u>
Span, (equivalent) - $ft$	<u>59.16</u>	<u>2.396</u>
Aspect Ratio	<u>2.004</u>	<u>2.004</u>
Taper Ratio	<u>0.256</u>	<u>0.256</u>
Chords $\sim IN$ ,		
Root	<u>562.77</u>	<u>22.792</u>
Tip	<u>144.30</u>	<u>5.844</u>
MAC	<u>394.81</u>	<u>15.990</u>
Fus. Sta. of .25 MAC	<u>1185.17</u>	<u>47.990</u>
W.P. of .25 MAC	<u>291.56</u>	<u>11.808</u>
B.L. of .25 MAC	<u>250.54</u>	<u>10.147</u>

LEADING EDGE CUFF  
PLANFORM AREA  $\sim ft^2$   
L.E. INTERSECTS FUS. @ STA.  
L.E. INTERSECTS WING STAI

<u>121.42</u>	<u>0.199</u>
<u>560.00</u>	<u>22.860</u>
<u>1035.00</u>	<u>41.918</u>

TABLE III. (CONTINUED)

MODEL COMPONENT: ELEVON E1BGENERAL DESCRIPTION: DOUBLE PANEL, UNSWEPT HINGELINE ELEVON  
USED ON WING WB7.SCALE MODEL = .0405DRAWING NUMBER: VL70-000093

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - $ft^2$	<u>205.52</u>	<u>0.337</u>
Span (equivalent) ~ $W$	<u>353.34</u>	<u>14.310</u>
Inb'd equivalent chord	<u>114.78</u>	<u>4.649</u>
Outb'd equivalent chord	<u>55.00</u>	<u>2.220</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.208</u>	<u>0.208</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.00</u>	<u>0.00</u>
Tailing Edge	<u>-10.020</u>	<u>-10.020</u>
Hingeline	<u>0.00</u>	<u>0.00</u>
Area Moment (Normal to hinge line) (PRODUCT OF AREA AND MEAN) CHORD ~ $ft^3$	<u>1548.07</u>	<u>2.539</u>



TABLE III. (CONTINUED)

MODEL COMPONENT: VERTICAL TAIL V5GENERAL DESCRIPTION: -B9A CONFIGURATION CENTERLINE VERTICAL  
TAIL WITH RUDDER AND/OR SPEED BRAKE CAPABILITY.SCALE MODEL = .0405

DRAWING NUMBER:

VK 70-000095DIMENSIONS:FULL-SCALEMODEL SCALETOTAL DATAArea - ft<sup>2</sup>

386.05

0.633

Wetted

13.17

0.022

Span (equivalent) - ft

12.67

0.021

Aspect Ratio

24.37

0.987

Rate of Taper

1.590

1.590

Taper Ratio

0.507

0.507

Dihedral Angle, degrees

0.426

0.426

Incidence Angle, degrees

-

-

Aerodynamic Twist, degrees

-

-

Toe-In Angle

0.0

0.0

Cant Angle

0.0

0.0

Sweep Back Angles, degrees

-

-

Leading Edge

45.000

45.000

Trailing Edge

26.249

26.249

0.25 Element Line

41.130

41.130

Chords: - in.

Root (Wing Sta. 0.0)

257.99

10.449

Tip, (equivalent)

109.78

4.446

MAC

193.84

7.851

Fus. Sta. of .25 MAC

1413.64

59.652

W.P. of .25 MAC

647.31

26.216

B.L. of .25 MAC

0.0

0.0

Airfoil Section

Root

Tip

EXPOSED DATA

Area

Span, (equivalent)

Aspect Ratio

Taper Ratio

Chords

Root

Tip

MAC

Fus. Sta. of .25 MAC

W.P. of .25 MAC

B.L. of .25 MAC

TABLE III. (CONTINUED)

MODEL COMPONENT: RUDDER R5GENERAL DESCRIPTION: -B7A CONFIGURATION RUDDER USED ON  
VERTICAL TAILSCALE MODEL = .0405DRAWING NUMBER: VL70-000095

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - $\text{ft}^2$	<u>98.67</u>	<u>3.996</u>
Span (equivalent) ~ IN.	<u>201.00</u>	<u>8.141</u>
Inb'd equivalent chord ~ IN.	<u>91.59</u>	<u>3.709</u>
Outb'd equivalent chord	<u>50.933</u>	<u>2.057</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>34.833</u>	<u>34.833</u>
Tailing Edge	<u>26.249</u>	<u>26.249</u>
Hingeline	<u>34.833</u>	<u>34.833</u>
Area Moment (Normal to hinge line)	<u>526.125</u>	<u>0.035</u>
PRODUCT OF AREA AND MEAN CHORD		

TABLE IV. PRESSURE TAP LOCATIONS BY SERIES NUMBER

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
1	16	20	Fus. Sta. 200, $\phi$
	17	21	Fus. Sta. 210, $\phi = 9,$
	18	22	$\phi = 40,$
	19	23	$\phi = 180,$
	20	604	X/L = .057, Z/h = .20, Gear Door, L.O.
	21	605	L.I.
	22	606	Z/h = .40, L.O.
	23	607	L.I.
	24	608	Z/h = .60, L.O.
	25	609	L.I.
2	16	33	Fus. Sta. 245, $\phi = 0,$
	17	34	$\phi = 20,$
	18	35	$\phi = 40,$
	19	36	$\phi = 55,$
	20	37	$\phi = 70,$
	21	38	$\phi = 90,$
	22	39	$\phi = 120,$
	23	40	$\phi = 150,$
	24	41	$\phi = 180,$
	25	610	X/L = .171, Z/h = .20, Gear Door, L.O.
	26	611	L.I.
	27	612	Z/h = .40, L.O.
	28	613	L.I.
	29	614	Z/h = .60, L.O.
	30	615	L.I.
3	16	24	Fus. Sta. 225, $\phi = 0,$
	17	25	$\phi = 20,$
	18	26	$\phi = 40,$
	19	27	$\phi = 55,$
	20	28	$\phi = 70,$
	21	29	$\phi = 90,$
	22	30	$\phi = 120,$
	23	31	$\phi = 150,$
	24	32	$\phi = 180,$
	25	616	X/L = .285, Z/h = .20, Gear Door, L.O.
	26	617	L.I.
	27	618	Z/h = .40, L.O.
	28	619	L.I.
	29	620	Z/h = .60, L.O.
	30	621	X/L = .285, Z/h = .60, Gear Door, L.I.

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
4	16	42	Fus. Sta. 280, $\phi = 0$ , Left Side
	17	43	$= 20$ , $\downarrow$
	18	44	$= 40$ , $\downarrow$
	19	45	$= 55$ , $\downarrow$
	20	46	$= 70$ , $\downarrow$
	21	47	$= 90$ , $\downarrow$
	22	48	$= 120$ , $\downarrow$
	23	49	$= 150$ , $\downarrow$
	24	50	$= 180$ , $\downarrow$
	25	622	X/L = 456, Z/h = .20, Gear Door, L.O.
	26	623	$\downarrow$ L.I.
	27	624	Z/h = .40, L.O.
	28	625	$\downarrow$ L.I.
	29	626	Z/h = .60, L.O.
	30	627	$\downarrow$ L.I.
5	16	51	Fus. Sta. 380, $\phi = 0$ , Left Side,
	17	52	$= 20$ , $\downarrow$
	18	53	$= 40$ , $\downarrow$
	19	54	$= 55$ , $\downarrow$
	20	55	$= 70$ , $\downarrow$
	21	56	$= 90$ , $\downarrow$
	22	57	$= 120$ , $\downarrow$
	23	58	$= 150$ , $\downarrow$
	24	59	$= 180$ , $\downarrow$
	25	60	Fus. Sta. 400, $\phi = 172$ , $\downarrow$
	26	61	Fus. Sta. 410, $\phi = 157$ , $\downarrow$
	27	628	X/L = .684, Z/h = .20, Gear Door, L.O.
	28	629	$\downarrow$ L.I.
	29	630	Z/h = .40, L.O.
	30	631	$\downarrow$ L.I.
	31	632	Z/h = .60, L.O.
	32	633	$\downarrow$ L.I.
6	16	62	Fus. Sta. 430, $\phi = 0$ , Left Side
	17	63	$= 20$ , $\downarrow$
	18	64	$= 40$ , $\downarrow$
	19	65	$= 55$ , $\downarrow$
	20	66	$= 70$ , $\downarrow$
	21	67	$= 90$ , $\downarrow$
	22	68	$= 120$ , $\downarrow$
	23	69	$= 150$ , $\downarrow$
	24	70	$= 162$ , $\downarrow$
	25	71	$= 169$ , $\downarrow$
	26	72	$= 180$ , $\downarrow$
	27	73	Fus. Sta. 460, $\phi = 73$ , $\downarrow$
	28	634	X/L = .912, Z/h = .20, Gear Door, L.O.
	29	635	$\downarrow$ L.I.
	30	636	Z/h = .40, L.O.
	31	637	$\downarrow$ L.I.
	32	638	Z/h = .60, L.O.
	33	639	$\downarrow$ L.I.

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
7 ↓	16	74	Fus. Sta. 500, $\phi = 0$ , Left Side
	17	75	$= 20$ , ↓
	18	76	$= 40$ , ↓
	19	77	$= 55$ , ↓
	20	78	$= 70$ , ↓
	21	79	$= 90$ , ↓
	22	80	$= 120$ , ↓
	23	81	$= 150$ , ↓
	24	82	$= 165$ , ↓
	25	83	$= 180$ , ↓
	26	600	X/L = 0, Z/h = .20, Gear Door, L.E.
8 ↓	16	84	Fus. Sta. 560, $\phi = 0$ , Left Side
	17	85	$= 40$ , ↓
	18	86	$= 70$ , ↓
	19	87	$= 90$ , ↓
	20	88	$= 120$ , ↓
	21	89	$= 150$ , ↓
	22	90	$= 165$ , ↓
	23	91	$= 180$ , ↓
	24	601	X/L = 0, Z/h = .60, Gear Door, L.E.
9 ↓	16	92	Fus. Sta. 625, $\phi = 0$ , Left Side
	17	93	$= 40$ , ↓
	18	94	$= 70$ , ↓
	19	95	$= 90$ , ↓
	20	96	$= 120$ , ↓
	21	97	$= 150$ , ↓
	22	98	$= 165$ , ↓
	23	99	$= 180$ , ↓
	24	200	X/c = 0.0, $\eta = .299$ , Right Wing, L.E.
	25	602	X/L = 1.0, Z/h = .20, Gear Door, T.E.
10 ↓	16	100	Fus. Sta. 725, $\phi = 0$ , Left Side
	17	101	$= 40$ , ↓
	18	102	$= 70$ , ↓
	19	103	$= 90$ , ↓
	20	104	$= 120$ , ↓
	21	105	$= 150$ , ↓
	22	106	$= 165$ , ↓
	23	107	$= 180$ , ↓
	24	201	X/c = .094, $\eta = .299$ , Right Wing, Upper
	25	301	↓ Lower
	26	210	X/c = 0.0, $\eta = .364$ , L.E.
	27	603	X/c = 1.0, Z/h = .60, Gear Door, T.E.
	28	636	Vert. Tail Flare Base Pressure

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
11	16	108	Fus. Sta. 880, $\phi = 0$ , Left Side
	17	109	$= 40$ , $\eta = .299$ , Right Wing, Upper
	18	110	$= 70$ , Lower
	19	111	$= 90$ , Upper
	20	112	$= 120$ , Lower
	21	113	$= 150$ , Upper
	22	114	$= 165$ , Lower
	23	115	$= 180$ , L.E.
	24	202	x/c = .229, $\eta = .299$ , Right Wing, Upper
	25	302	Lower
	26	211	x/c = .086, $\eta = .364$ , Upper
	27	311	Lower
	28	220	x/c = 0.0, $\eta = .427$ , L.E.
	29	230	x/c = 0.0, $\eta = .534$
	30	250	$= .673$
	31	260	$= .780$
	32	270	$= .887$
12	16	116	Fus. Sta. 980, $\phi = 0$ , Left Side
	17	117	$= 40$ , $\eta = .299$ , Right Wing, Upper
	18	203	Lower
	19	303	Upper
	20	212	Lower
	21	312	Upper
	22	221	Lower
	23	321	Upper
	24	231	Lower
	25	331	Upper
	26	251	Lower
	27	351	Upper
	28	261	Lower
	29	361	Upper
	30	271	Lower
	31	371	Upper
13	16	118	Fus. Sta. 1080, $\phi = 40$ , Left Side
	17	119	$= 70$ , $\eta = .427$ , Right Wing, Upper
	18	120	$= 90$ , Lower
	19	121	$= 120$ , Upper
	20	122	$= 150$ , Lower
	21	123	$= 165$ , Upper
	22	124	$= 180$ , Lower
	23	222	x/c = .177, $\eta = .427$ , Right Wing, Upper
	24	322	Lower
	25	232	x/c = .15, $\eta = .534$ , Upper
	26	332	Lower
	27	252	$\eta = .673$ , Upper
	28	352	Lower
	29	262	$\eta = .780$ , Upper
	30	362	Lower
	31	272	$\eta = .887$ , Upper
	32	372	x/c = .15, $\eta = .887$ , Right Wing, Lower

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
14	16	125	Fus. Sta. 1180, $\phi = 70$ , Left Side
	17	126	$\phi = 90$ , $\downarrow$
	18	127	$\phi = 120$ , $\downarrow$
	19	128	$\phi = 150$ , $\downarrow$
	20	129	$\phi = 180$ , $\downarrow$
	21	204	$x/c = .497$ , $\eta = .299$ , Right Wing, Upper
	22	304	$\downarrow$ Lower
	23	233	$x/c = .25$ , $\eta = .534$ Upper
	24	333	$\downarrow$ Lower
	25	253	$\eta = .673$ Upper
	26	353	$\downarrow$ Lower
	27	263	$\eta = .780$ Upper
	28	363	$\downarrow$ Lower
	29	273	$\eta = .887$ Upper
	30	373	$\downarrow$ Lower
15	16	130	Fus. Sta. 1245, $\phi = 40$ , Left Side
	17	131	$\phi = 70$ , $\downarrow$
	18	132	$\phi = 90$ , $\downarrow$
	19	133	$\phi = 105$ , $\downarrow$
	20	134	$\phi = 120$ , $\downarrow$
	21	135	$\phi = 135$ , $\downarrow$
	22	136	$\phi = 150$ , $\downarrow$
	23	137	$\phi = 165$ , $\downarrow$
	24	138	$\phi = 180$ , $\downarrow$
	25	223	$x/c = .274$ , $\eta = .427$ , Right Wing, Upper
	26	323	$\downarrow$ Lower
	27	234	$x/c = .40$ , $\eta = .534$ Upper
	28	334	$\downarrow$ Lower
	29	254	$\eta = .673$ Upper
	30	354	$\downarrow$ Lower
	31	274	$\eta = .887$ Upper
	32	374	$\downarrow$ Lower
16	16	139	Fus. Sta. 1300, $\phi = 40$ , Left Side
	17	140	$\phi = 70$ , $\downarrow$
	18	141	$\phi = 90$ , $\downarrow$
	19	142	$\phi = 105$ , $\downarrow$
	20	143	$\phi = 120$ , $\downarrow$
	21	144	$\phi = 135$ , $\downarrow$
	22	145	$\phi = 150$ , $\downarrow$
	23	146	$\phi = 165$ , $\downarrow$
	24	205	$x/c = .70$ , $\eta = .299$ , Right Wing, Upper
	25	305	$\downarrow$ Lower
	26	224	$x/c = .565$ , $\eta = .427$ Upper
	27	324	$x/c = .565$ , $\eta = .427$ Right Wing Lower

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
16 Con't.	28	235	$x/c = .55,$
	29	335	$\eta = .534$ Right Wing Upper
	30	255	$\eta = .673$ Lower
	31	355	$\eta = .079$ Upper
	32	400	$x/c = 0.0,$ Vert. Tail, L.F.
	33	410	$\eta = .158$
	34	420	$\eta = .316$
	35	430	$\eta = .680$
	36	440	$\eta = .840$
	37	450	$\eta = .925$
17	16	147	Fus. Sta. 1375, $\phi = 40,$ Left Side
	17	148	$\phi = 70,$
	18	149	$\phi = 90,$
	19	150	$\phi = 105,$
	20	151	$\phi = 120,$
	21	152	$\phi = 135,$
	22	153	$\phi = 150,$
	23	154	$\phi = 165,$
	24	206	$x/c = .834,$ Right Wing, Upper
	25	306	$\eta = .299$ Lower
	26	225	$\eta = .427,$ Upper
	27	325	$\eta = .534$ Lower
	28	236	$\eta = .673$ Upper
	29	336	$\eta = .780$ Lower
	30	256	$\eta = .887$ Upper
	31	356	$\eta = .158$ Vert. Tail, Left
	32	264	$\eta = .316$ Right
	33	364	$\eta = .680$ Left
	34	275	$\eta = .840$ Right
	35	375	$\eta = .925$ Left
	36	411	
	37	511	
	38	421	
	39	521	
	40	431	
	41	531	
	42	441	
	43	541	
	44	451	
	45	551	



TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
18	16	155	Fus. Sta. 1430, $\phi = 40$ , Left Side
	17	156	$\phi = 70$ ,
	18	157	$\phi = 90$ ,
	19	158	$\phi = 105$ ,
	20	159	$\phi = 120$ ,
	21	160	$\phi = 135$ ,
	22	161	$\phi = 150$ ,
	23	162	$\phi = 165$ ,
	24	207	$x/c = .865$ , $\eta = .299$ Right Wing, Upper
	25	307	Lower
	26	226	$x/c = .808$ , $\eta = .427$ , Upper
	27	326	Lower
	28	237	$x/c = .775$ , $\eta = .534$ , Upper
	29	337	Lower
	30	257	$x/c = .775$ , $\eta = .673$ , Upper
	31	357	Lower
	32	265	$x/c = .75$ , $\eta = .780$ , Upper
	33	365	Lower
	34	276	$x/c = .75$ , $\eta = .887$ , Upper
	35	376	Lower
	36	412	$x/c = .15$ , $\eta = .158$ , Vert. Tail, Left
	37	512	Right
	38	422	$\eta = .316$ , Left
	39	522	Right
	40	432	$\eta = .680$ , Left
	41	532	Right
	42	442	$\eta = .840$ , Left
	43	542	Right
	44	452	$\eta = .925$ , Left
	45	552	$x/c = .15$ , $\eta = .925$ , Vert. Tail, Right
19	16	163	Fus. Sta. 1480, $\phi = 0$ , Left Side
	17	164	$\phi = 70$ ,
	18	165	$\phi = 90$ ,
	19	166	$\phi = 105$ ,
	20	167	$\phi = 120$ ,
	21	168	$\phi = 135$ ,
	22	169	$\phi = 150$ ,
	23	170	$\phi = 165$ ,
	24	208	$x/c = .90$ , $\eta = .299$ , Right Wing, Upper
	25	308	Lower
	26	227	$x/c = .857$ , $\eta = .427$ , Upper
	27	327	$x/c = .857$ , $\eta = .427$ , Right Wing, Lower

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
19 Con't.	28	238	X/c = .85, $\eta = .534$ Right Wing, Upper
	29	338	Lower
	30	258	$\eta = .673$ Upper
	31	358	Lower
	32	266	$\eta = .780$ Upper
	33	366	Lower
	34	413	$\eta = .158$ , Vert. Tail, Left
	35	513	Right
	36	423	$\eta = .316$ , Left
	37	523	Right
	38	433	$\eta = .680$ , Left
	39	533	Right
	40	443	$\eta = .840$ , Left
	41	543	Right
20	42	453	$\eta = .925$ , Left
	43	553	$\eta = .925$ , Vert. Tail, Right
	16	171	Fus. Sta. 1530, $\phi = 120$ , OMS Inner
	17	172	Outer
	18	173	$\phi = 135$ , Inner
	19	174	Outer
	20	228	$\eta = .427$ , Right Wing, Upper
	21	328	Lower
	22	239	$\eta = .534$ , Upper
	23	339	Lower
	24	277	$\eta = .887$ , Upper
	25	377	Lower
	26	414	$\eta = .158$ , Vert. Tail, Left
	27	514	Right
21	28	424	$\eta = .316$ , Left
	29	524	Right
	30	434	$\eta = .680$ , Left
	31	534	Right
	32	444	$\eta = .840$ , Left
	33	544	Right
	34	454	$\eta = .925$ , Left
	35	554	$\eta = .925$ Vert. Tail, Right
	16	175	Fus. Sta. 1580, $\phi = 0$ , Body Flap
	17	176	$\eta = .40$ ,
	18	209	$\eta = .299$ , Right Wing, Upper
	19	309	Lower
	20	229	$\eta = .427$ , Right Wing, Upper

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
21 Con't.	21	329	X/c = .953
	22	240	X/c = .95,
	23	340	
	24	259	
	25	359	
	26	267	
	27	367	
	28	415	X/c = .65,
	29	515	
	30	425	
	31	525	X/c = .65,
	32	435	
	33	535	
	34	445	
	35	545	
	36	455	
	37	555	
			$\eta = .427$ , Right Wing, Lower
			$\eta = .534$ , Upper
			$\eta = .673$ , Lower
			$\eta = .780$ , Upper
			$\eta = .158$ , Vert. Tail, Left
			$\eta = .316$ , Right
			$\eta = .680$ , Left
			$\eta = .840$ , Right
			$\eta = .925$ , Left
			Right
22	16	416	X/c = .775,
	17	516	
	18	426	
	19	526	
	20	436	
	21	536	
	22	446	
	23	546	
	24	456	
	25	556	
			$\eta = .158$ , Vert Tail, Left
			$\eta = .316$ , Right
			$\eta = .680$ , Left
			$\eta = .840$ , Right
			$\eta = .925$ , Left
			Right
23	16	1	Fuselage base pressure
	17	2	
	18	3	
	19	4	
	20	5	
	21	6	
	22	7	
	23	8	
	24	9	
	25	636	Vertical Tail Base Pressure
	26	732	Fus. Sta. 460, $\phi = 142$ , Left Side

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
24	16	108	Fus. Sta. 880, $\phi = 0$ , Right Side
	17	109	$\phi = 40$ , $\downarrow$
	18	110	$\phi = 70$ , $\downarrow$
	19	111	$\phi = 90$ , $\downarrow$
	20	202	X/c = .229, $\eta = .299$ , Left Wing, Upper
	21	302	$\downarrow$ Lower
	22	211	X/c = .086, $\eta = .364$ , $\downarrow$ Upper
	23	311	$\downarrow$ Lower
	24	201	X/c = .094, $\eta = .299$ Right Wing, Upper
	25	301	$\downarrow$ Lower
25	16	116	Fus. Sta. 980, $\phi = 0$ , Right Side
	17	117	$\phi = 40$ , $\downarrow$
	18	251	X/c = .05, $\eta = .673$ Left Wing, Upper
	19	351	$\downarrow$ Lower
	20	261	$\eta = .780$ , $\downarrow$ Upper
	21	361	$\downarrow$ Lower
	22	271	$\eta = .887$ , $\downarrow$ Upper
	23	371	$\downarrow$ Lower
	24	203	X/c = .362, $\eta = .299$ Right Wing, Upper
	25	303	$\downarrow$ Lower
	26	212	X/c = .246, $\eta = .364$ Upper
	27	312	$\downarrow$ Lower
	28	221	X/c = .081, $\eta = .427$ Upper
	29	321	$\downarrow$ Lower
	30	231	X/c = .05, $\eta = .534$ Upper
	31	331	$\downarrow$ Lower
26	16	118	Fus. Sta. 1080, $\phi = 40$ , Right Side
	17	119	$\phi = 70$ , $\downarrow$
	18	120	$\phi = 90$ , $\downarrow$
	19	125	Fus. Sta. 1180, $\phi = 70$ , Left Side
	20	126	$\phi = 90$ , $\downarrow$
	21	222	X/c = .177, $\eta = .427$ , Left Wing, Upper
	22	322	$\downarrow$ Lower
	23	232	X/c = .15, $\eta = .534$ , $\downarrow$ Upper
	24	332	$\downarrow$ Lower
	25	252	$\eta = .673$ , $\downarrow$ Upper
	26	352	$\downarrow$ Lower
	27	262	$\eta = .780$ , $\downarrow$ Upper
	28	362	$\downarrow$ Lower
	29	272	$\eta = .887$ , $\downarrow$ Upper
	30	372	X/c = .15, $\eta = .887$ , Left Wing, Lower

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
27	16	130	Fus. Sta. 1245, $\phi = 40$ , Left Side
	17	131	$\phi = 70$ ,
	18	132	$\phi = 90$ ,
	19	223	$x/c = .274$ , $\eta = .427$ , Left Wing, Upper
	20	323	Lower
	21	234	$x/c = .40$ , $\eta = .534$ , Upper
	22	334	Lower
	23	254	$\eta = .673$ , Upper
	24	354	Lower
	25	274	$\eta = .887$ , Upper
	26	374	Lower
	27	204	$x/c = .497$ , $\eta = .299$ , Right Wing, Upper
	28	304	Lower
	29	233	$x/c = .25$ , $\eta = .534$ , Upper
	30	333	Lower
	31	253	$\eta = .673$ , Upper
	32	353	Lower
	33	263	$\eta = .780$ , Upper
	34	363	Lower
	35	273	$\eta = .887$ , Upper
	36	373	Lower
28	16	139	Fus. Sta. 1300, $\phi = 40$ , Right Side
	17	140	$\phi = 70$ ,
	18	141	$\phi = 90$ ,
	19	142	$\phi = 105$ ,
	20	143	$\phi = 120$ ,
	21	147	Fus. Sta. 1375, $\phi = 40$ , Left Side
	22	148	$\phi = 70$ ,
	23	149	$\phi = 90$ ,
	24	150	$\phi = 150$ ,
	25	151	$\phi = 120$ ,
	26	206	$x/c = .834$ , $\eta = .299$ , Left Wing, Upper
	27	306	Lower
	28	225	$x/c = .760$ , $\eta = .427$ , Upper
	29	325	Lower
	30	276	$x/c = .750$ , $\eta = .887$ , Upper
	31	376	Lower
	32	236	$x/c = .725$ , $\eta = .534$ , Upper
	33	336	Lower
	34	256	$x/c = .70$ , $\eta = .673$ , Upper
	35	356	Lower
	36	205	$x/c = .70$ , $\eta = .299$ , Right Wing, Upper

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION	
28 Con't.	37	305	X/c = .70,	$\eta = .299$ , Right Wing
	38	224	X/c = .565,	$\eta = .427$ ,
	39	324		
	40	235	X/c = .55,	$\eta = .534$ ,
	41	335		
	42	255		$\eta = .673$ ,
	43	355		
	44	264	X/c = .65,	$\eta = .780$ ,
	45	364		
				Lower
29	16	155	Fus. Sta. 1430, $\phi = 40$ ,	Right Side
	17	156	$= 70$ ,	
	18	157	$= 90$ ,	
	19	158	$= 105$ ,	
	20	159	$= 120$ ,	
	21	163	Fus. Sta. 1480, $\phi = 0$ ,	Left Side
	22	164	$= 70$ ,	
	23	165	$= 90$ ,	
	24	166	$= 105$ ,	
	25	167	$= 120$ ,	
	26	209	X/c = .965,	$\eta = .299$ , Left Wing,
	27	309		
	28	229	X/c = .953,	$\eta = .427$ ,
	29	329		
	30	240	X/c = .950,	$\eta = .534$ ,
	31	340		
	32	259		$\eta = .673$ ,
	33	359		
	34	267		$\eta = .780$ ,
	35	367		
	36	228	X/c = .905,	$\eta = .427$ , Right Wing,
	37	328		
	38	239	X/c = .90,	$\eta = .534$ ,
	39	339		
	40	277		$\eta = .887$ ,
	41	377		
30	16	132	Fus. Sta. 1245, $\phi = 90$ ,	Left Side
	17	133	$= 105$ ,	
	18	134	$= 120$ ,	
	19	135	$= 135$ ,	
	20	136	$= 150$ ,	
	21	137	$= 165$ ,	
	22	138	$= 185$ ,	

TABLE IV. (CONTINUED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
30 Con't.	23	400	$X/C = .076$ $\eta = .079$ , Vert. Tail, APU Inlet
31	16	141	Fus. Sta. 1300, $\phi = 90$ , Left Side
	17	142	$= 105$ ,
	18	143	$= 120$ ,
	19	144	$= 135$ ,
	20	145	$= 150$ ,
	21	146	$= 165$ ,
	22	741	$\phi = 90$ , Right Side
	23	742	$= 105$ ,
	24	743	$= 120$ ,
	25	744	$= 135$ ,
	26	745	$= 150$ ,
	27	746	$= 165$ ,
	28	411	$X/C = .05$ , $\eta = .158$ , Vert. Tail, Left
	29	511	$\eta = .316$ , Right
	30	421	$\eta = .600$ , Left
	31	521	$\eta = .840$ , Right
	32	431	$\eta = .925$ , Left
	33	531	Right
	34	441	
	35	541	
	36	451	
	37	551	
32	16	412	$X/C = .15$ $\eta = .158$ , Vert. Tail, Left
	17	512	$\eta = .316$ , Right
	18	422	$\eta = .600$ , Left
	19	522	$\eta = .840$ , Right
	20	432	$\eta = .925$ , Left
	21	532	Right
	22	442	
	23	542	
	24	452	
	25	552	
	26	3	Base Pressures
	27	4	
	28	7	
	29	9	
33	16	149	Fus. Sta. 1375, $\phi = 90$ , Left Side
	17	150	$= 105$ ,
	18	151	$= 120$ ,
	19	152	$= 135$ ,
	20	153	$= 150$ ,

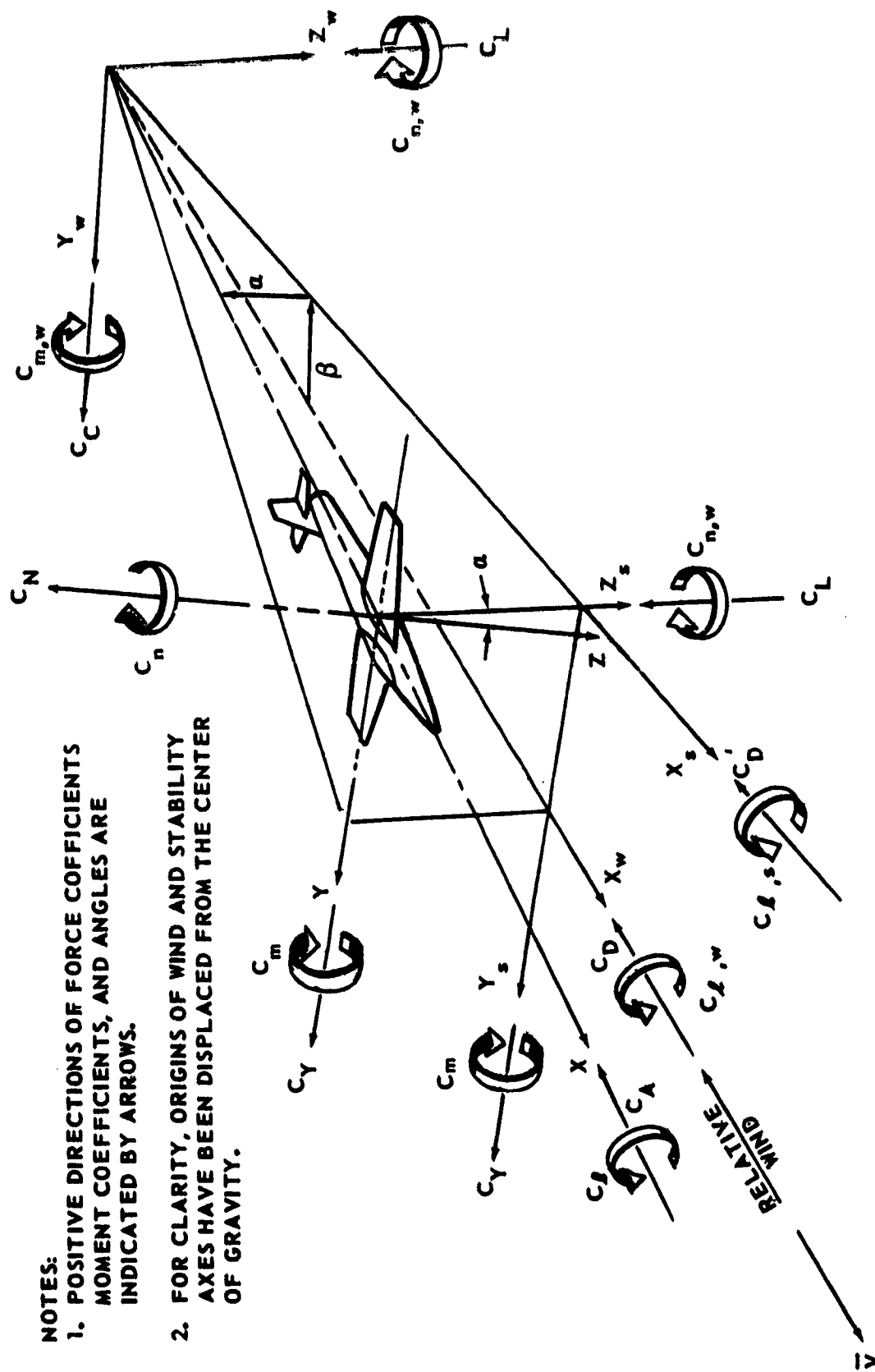
TABLE IV. (CONTINUED)

<u>SERIES NO.</u>	<u>CHANNEL NO.</u>	<u>TAP NUMBER</u>	<u>TAP LOCATION</u>
33 Con't.	21	154	Fus. Sta. 1375, $\phi = 165$ , Left Side
	22	749	Fus. Sta. 1375, $\phi = 90$ , Right Side
	23	750	$\phi = 105$ , Left Side
	24	751	$\phi = 120$ , Right Side
	25	752	$\phi = 135$ , Left Side
	26	753	$\phi = 150$ , Right Side
	27	754	$\phi = 165$ , Left Side
	28	413	$x/c = .30$ , $\eta = .158$ , Vert. Tail, Left
	29	513	$\eta = .316$ , Right
	30	423	$\eta = .600$ , Left
	31	523	$\eta = .840$ , Right
	32	433	$\eta = .925$ , Left
	33	533	
	34	443	
	35	543	
	36	453	
	37	553	
34	16	157	Fus. Sta. 1430, $\phi = 90$ , Left Side
	17	158	$\phi = 105$ , Right Side
	18	159	$\phi = 120$ , Left Side
	19	160	$\phi = 135$ , Right Side
	20	161	$\phi = 150$ , Left Side
	21	162	$\phi = 165$ , Right Side
	22	757	Fus. Sta. 1430, $\phi = 90$ , Left Side
	23	758	$\phi = 105$ , Right Side
	24	759	$\phi = 120$ , Left Side
	25	760	$\phi = 135$ , Right Side
	26	761	$\phi = 150$ , Left Side
	27	762	$\phi = 165$ , Right Side
	28	414	$x/c = .52$ , $\eta = .158$ , Vert. Tail, Left
	29	514	$\eta = .316$ , Right
	30	424	$\eta = .600$ , Left
	31	524	$\eta = .840$ , Right
	32	434	$\eta = .925$ , Left
	33	534	
	34	444	
	35	544	
	36	454	
	37	554	



TABLE IV. (CONCLUDED)

SERIES NO.	CHANNEL NO.	TAP NUMBER	TAP LOCATION
35	16	165	Fus. Sta. 1480, $\phi = 90^\circ$ , Left Side
	17	166	105,
	18	167	120,
	19	168	135,
	20	169	150,
	21	170	165,
	22	765	Fus. Sta. 1480, $\phi = 90^\circ$ , Right Side
	23	766	105,
	24	767	120,
	25	768	135,
	26	769	150,
	27	770	165,
	28	415	x/c = .65, $\eta = .158$ , Vert. Tail, Left
	29	515	Right
	30	425	x/c = .65, $\eta = .316$ , Left
	31	525	Right
	32	435	$\eta = .600$ , Left
	33	535	Right
	34	445	$\eta = .840$ , Left
	35	545	Right
	36	455	$\eta = .925$ , Left
	37	555	Right
36	16	416	x/c = .725, $\eta = .158$ , Vert. Tail, Left
	17	516	Right
	18	426	$\eta = .316$ , Left
	19	526	Right
	20	436	$\eta = .600$ , Left
	21	536	Right
	22	446	$\eta = .840$ , Left
	23	546	Right
	24	456	$\eta = .925$ , Left
	25	556	Right



- NOTES:
1. POSITIVE DIRECTIONS OF FORCE COEFFICIENTS  
MOMENT COEFFICIENTS, AND ANGLES ARE  
INDICATED BY ARROWS.
  2. FOR CLARITY, ORIGINS OF WIND AND STABILITY  
AXES HAVE BEEN DISPLACED FROM THE CENTER  
OF GRAVITY.

Figure 1. - Axis Systems.

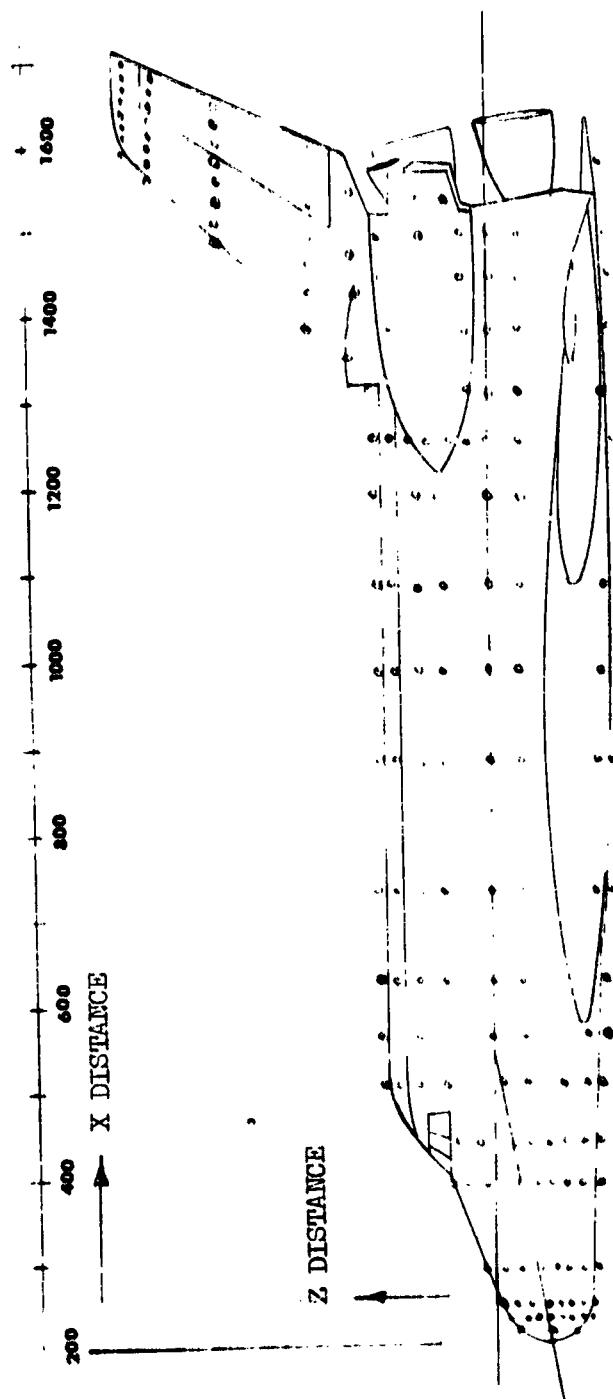
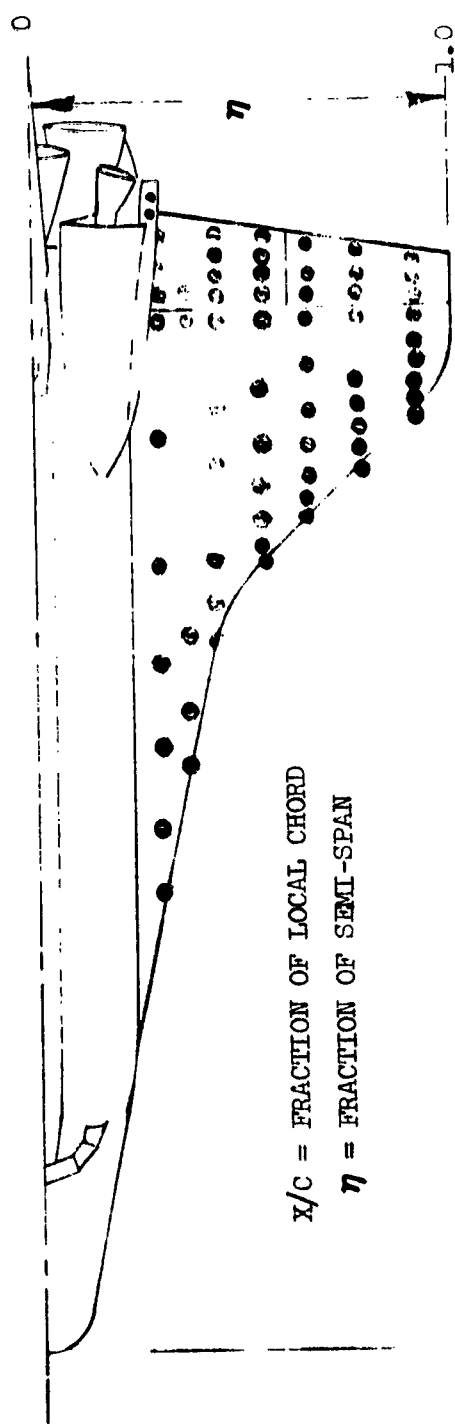


Figure 2(a). - -89A SSV Orbiter Pressure Tap Arrangement

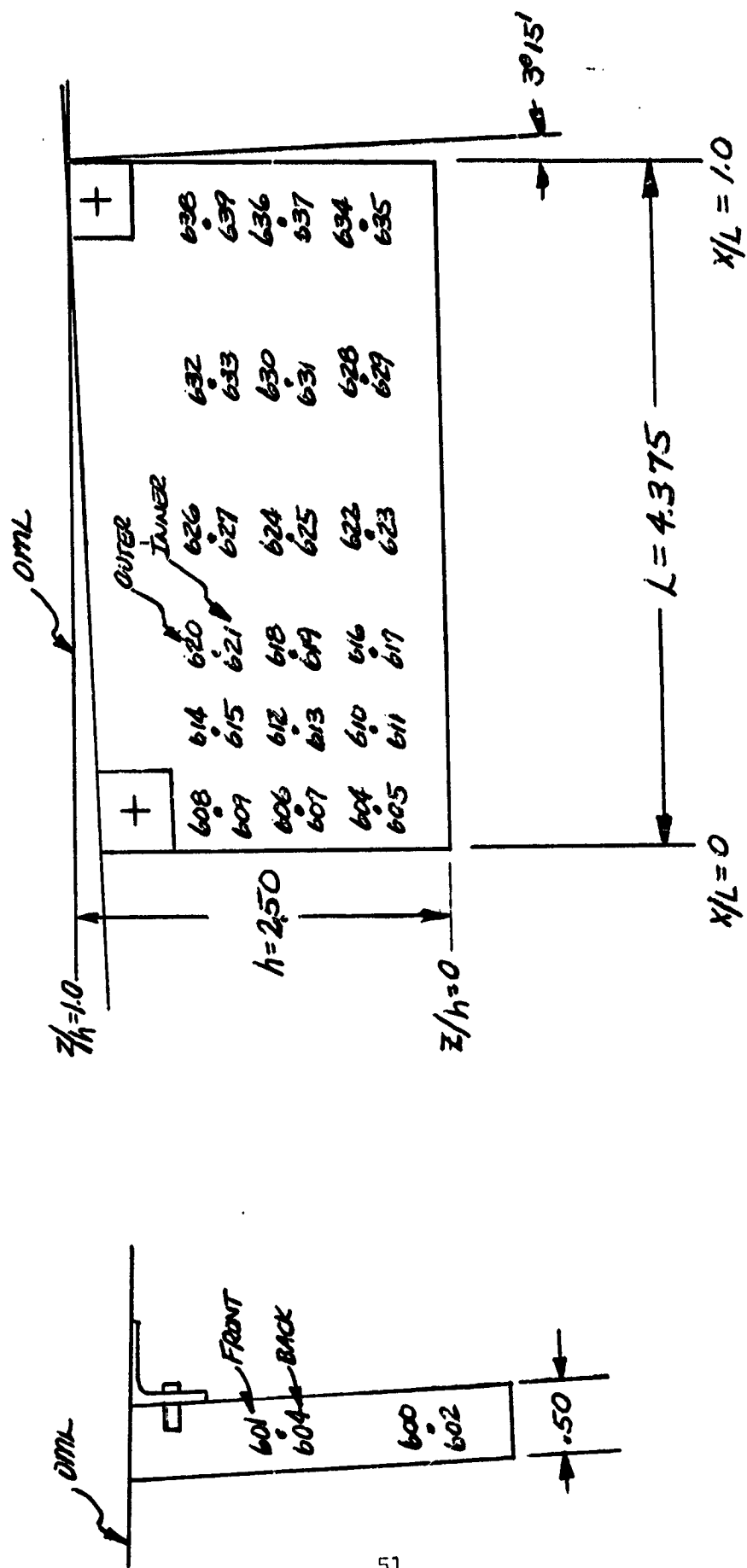


Figure 2(b). - Main Landing Gear Door Pressure Tap Arrangement.

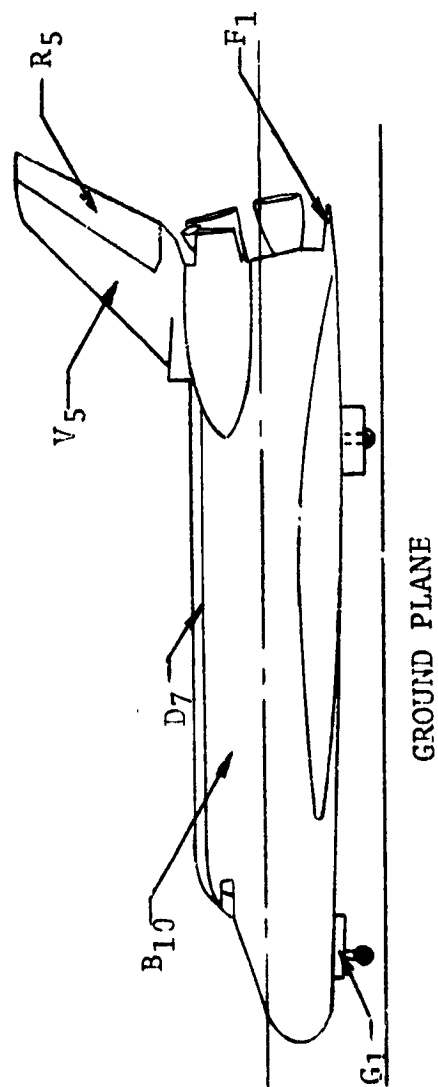
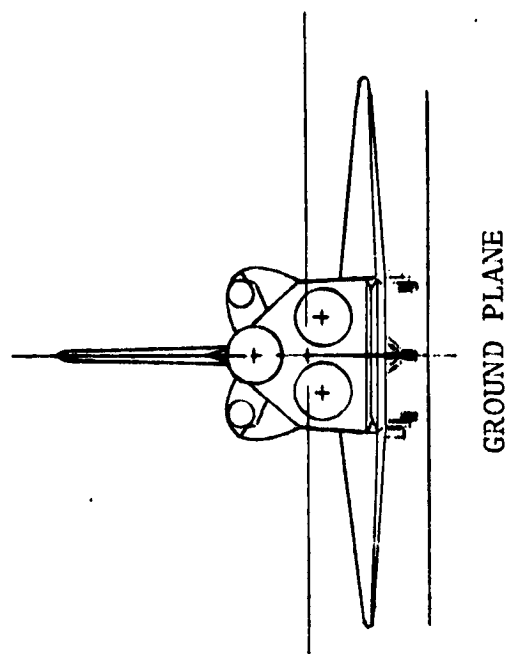
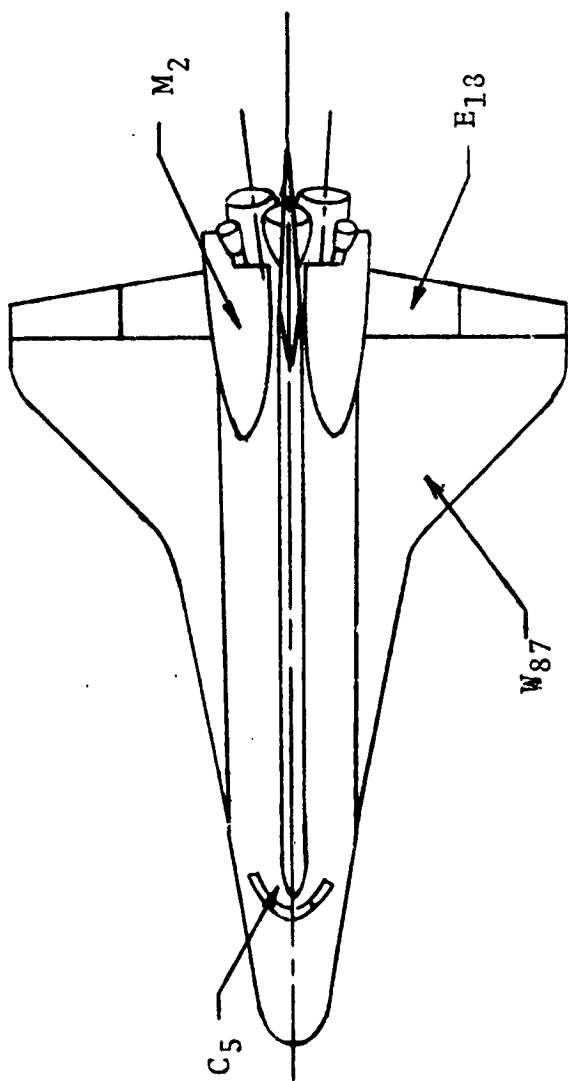


Figure 3. - -89A SSV Orbiter General Arrangement.

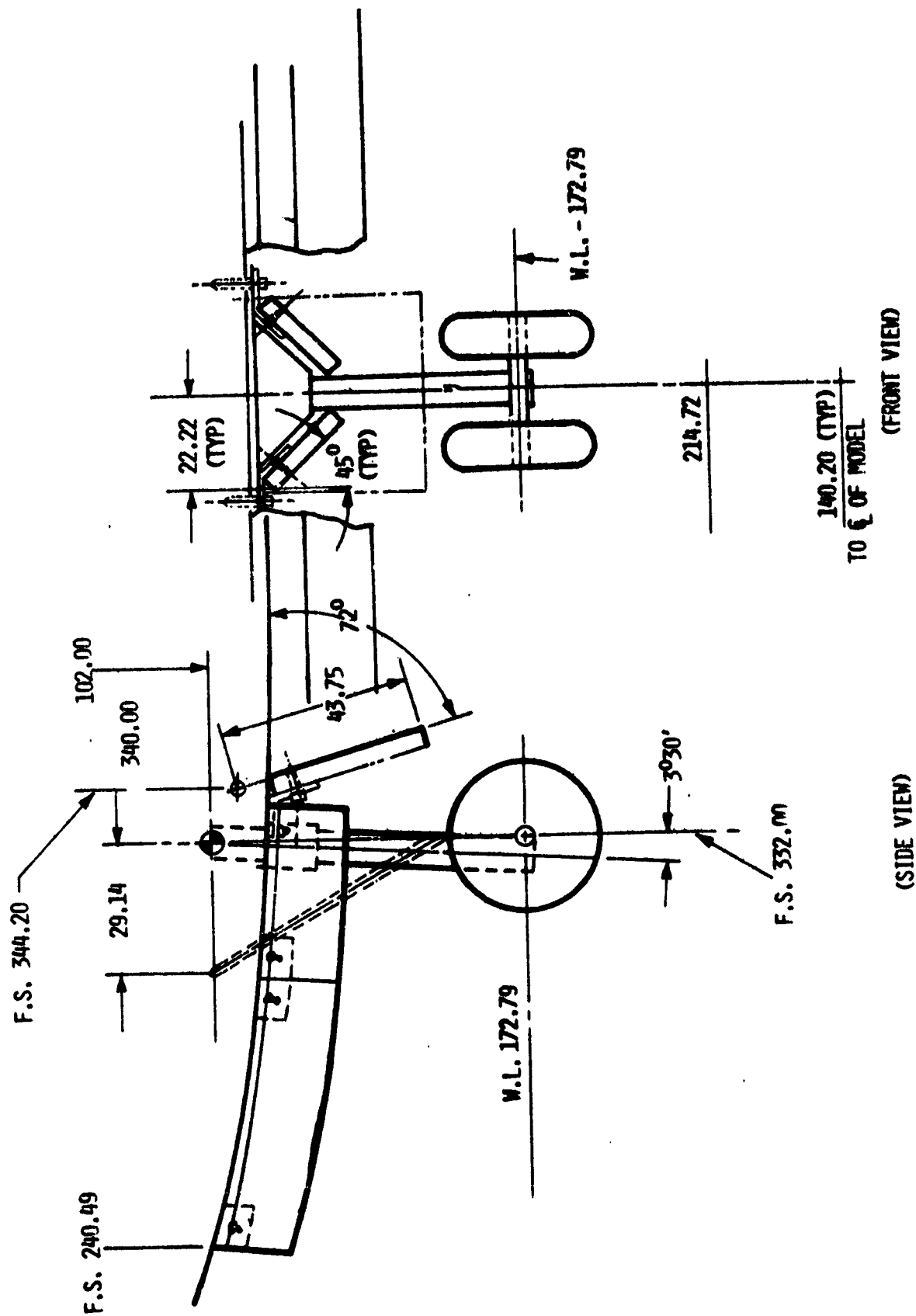


Figure 4. - Nose Landing Gear Door.

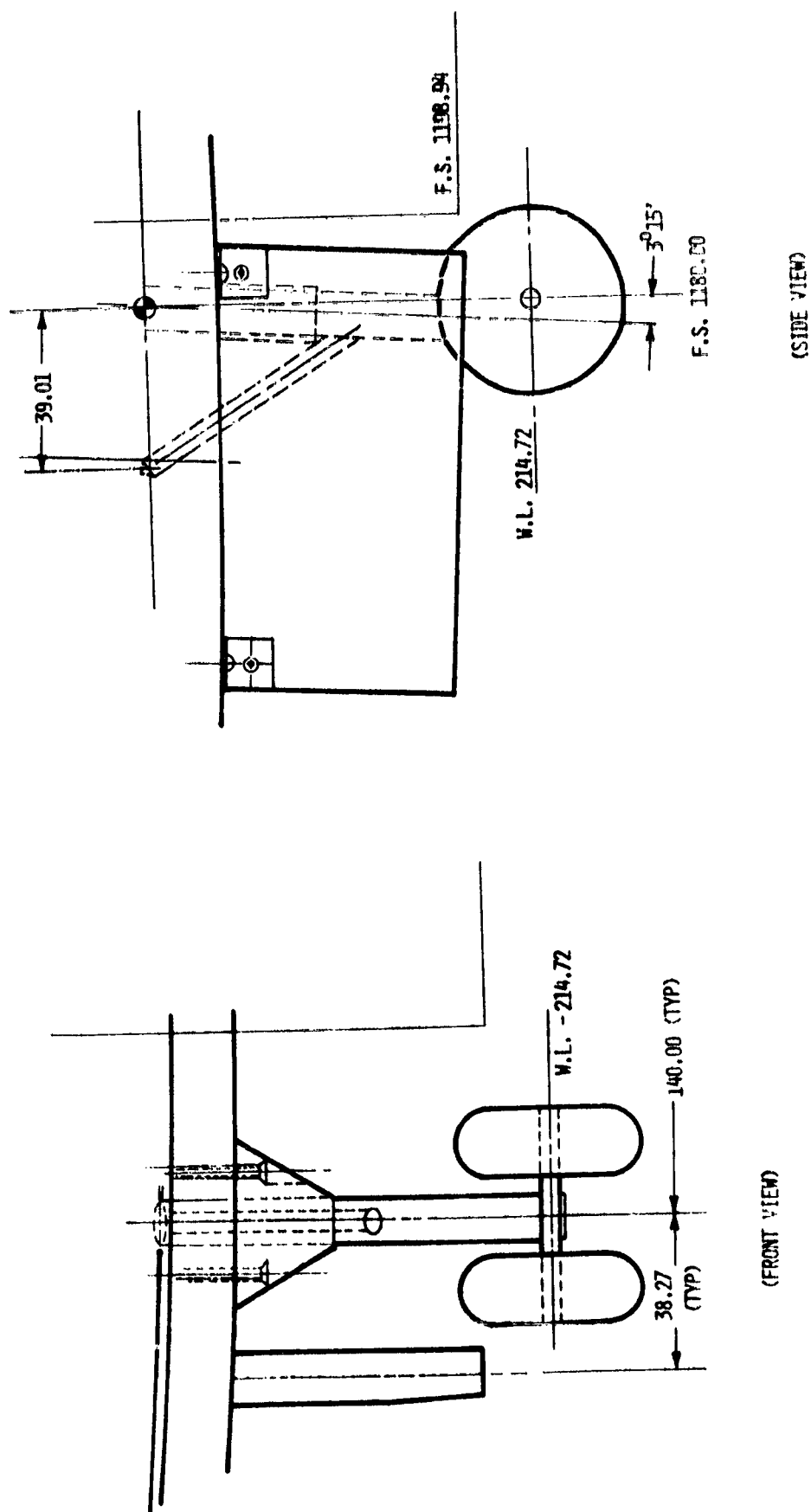
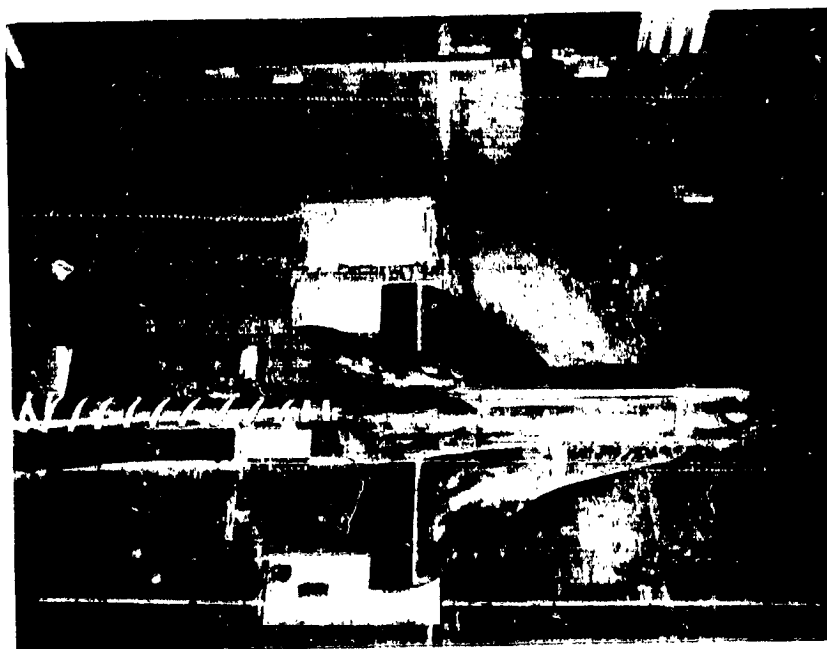


Figure 5. - Main Gear Door With Gear Fully Extended.



Front view, B10G1C5D7M.F.W87V5



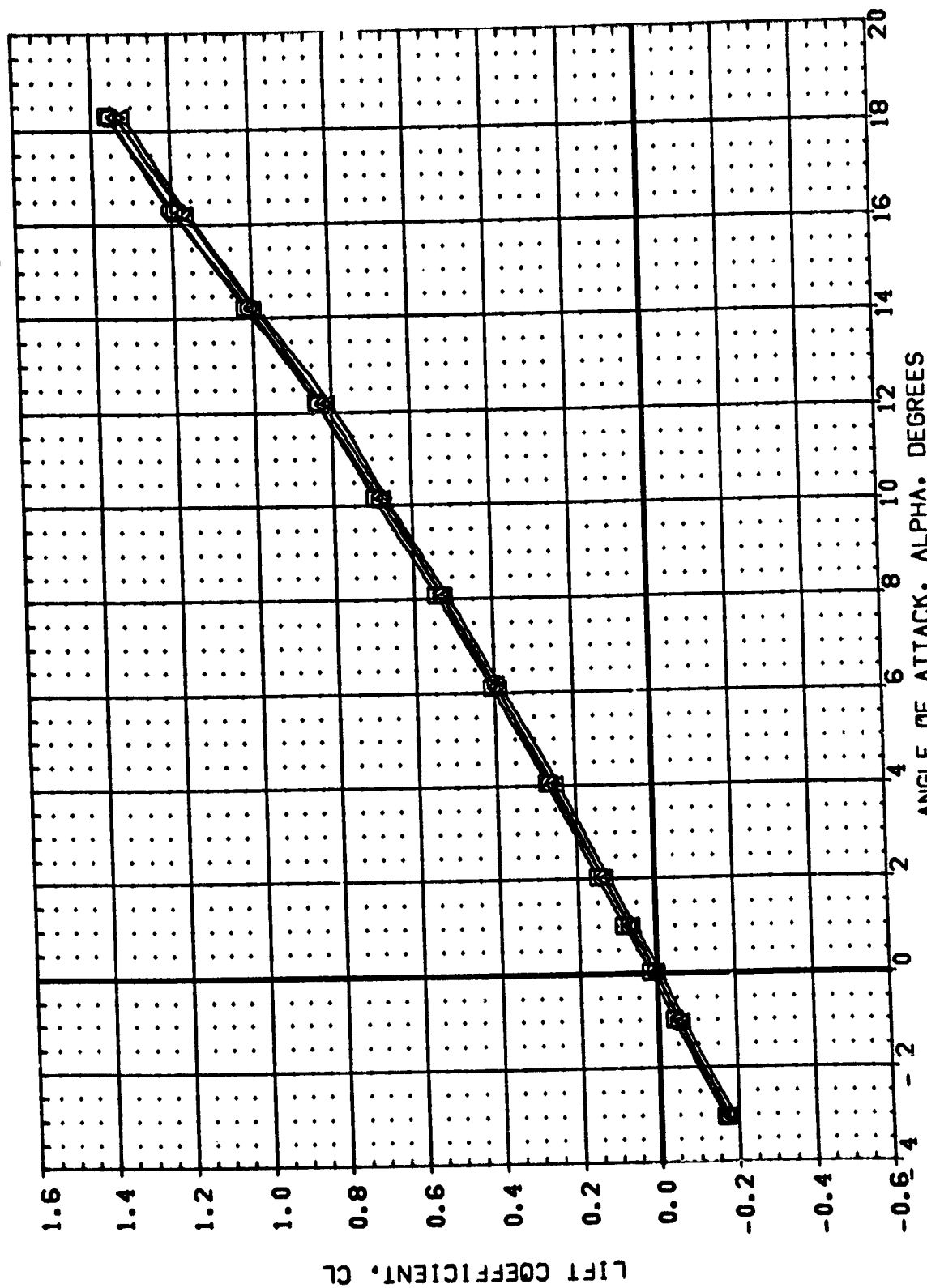
Top view, B10G1C5D7M.F.W87V5

Figure 1. - Model Installation.



D A T A      F I G U R E S

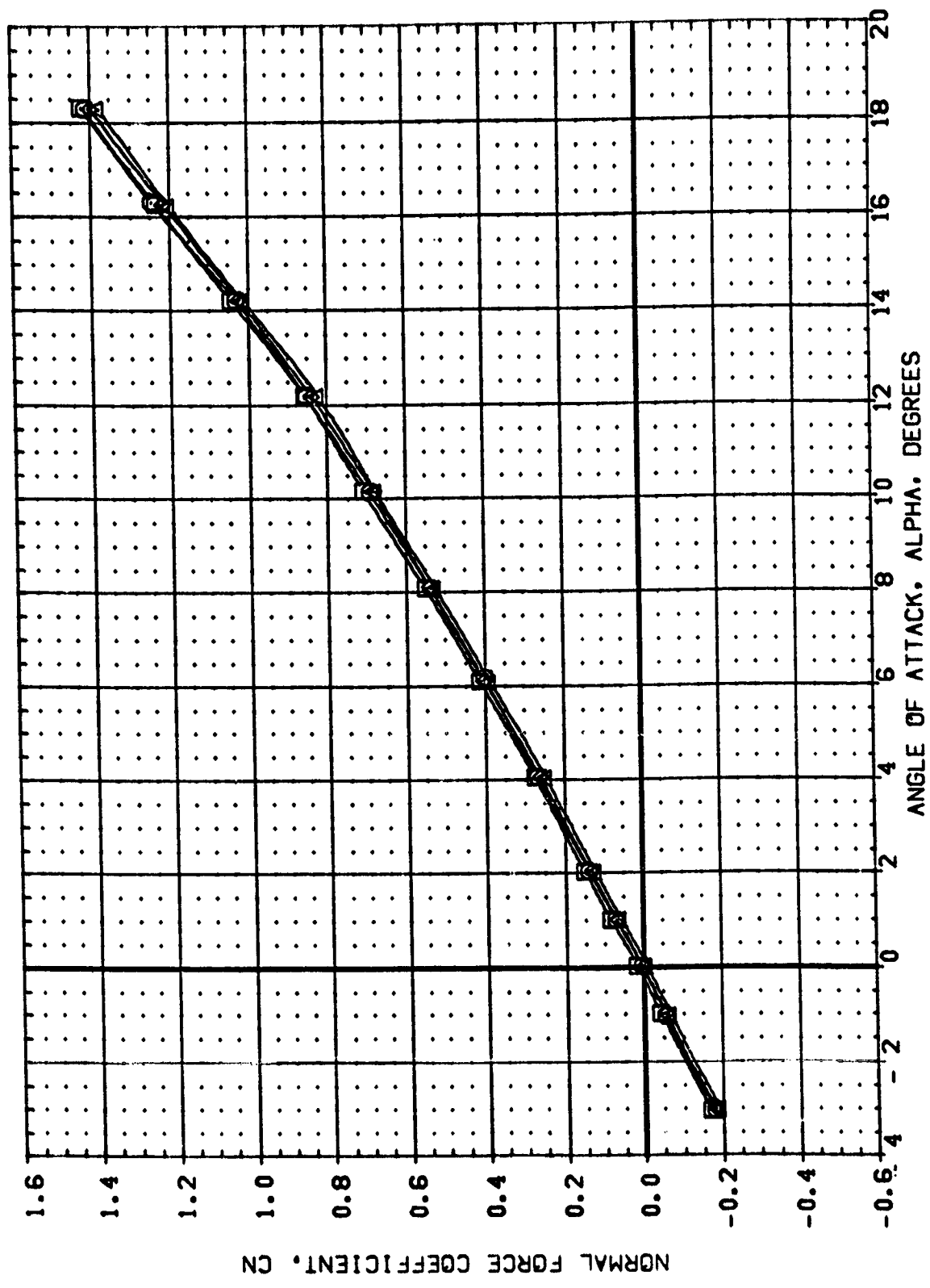
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	B-FLAP	RUDDER	RUOFLR	REFERENCE INFORMATION
(8DL001)	NR.699.0405 ORB 61B10C3D7M2F1W67V5+HING TAPS	0.000	-18.000	0.000	40.000	AREF 4.4119 38.FT.
(8DL002)	NR.699.0405 ORB 61B10C3D7M2F1W67V5+HING TAPS	0.000	-18.000	0.000	40.000	LREF 19.2999 INCHES
(8DL003)	NR.699.0405 ORB 61B10C3D7M2F1W67V5	0.000	-18.000	0.000	40.000	BREF 37.9349 INCHES
(8DL097)	NR.699.0405 ORB 61B10C3D7M2F1W67V5	0.000	-18.000	0.000	40.000	XMRP 43.5974 INCHES
						YMRP 0.0000 INCHES
						ZMRP 16.2000 INCHES
						SCALE 0.0405



EFFECT OF MODEL SUPPORT CLEARANCE HOLE (LONGITUDINAL CHARACTERISTICS)

(A)MACH = .16

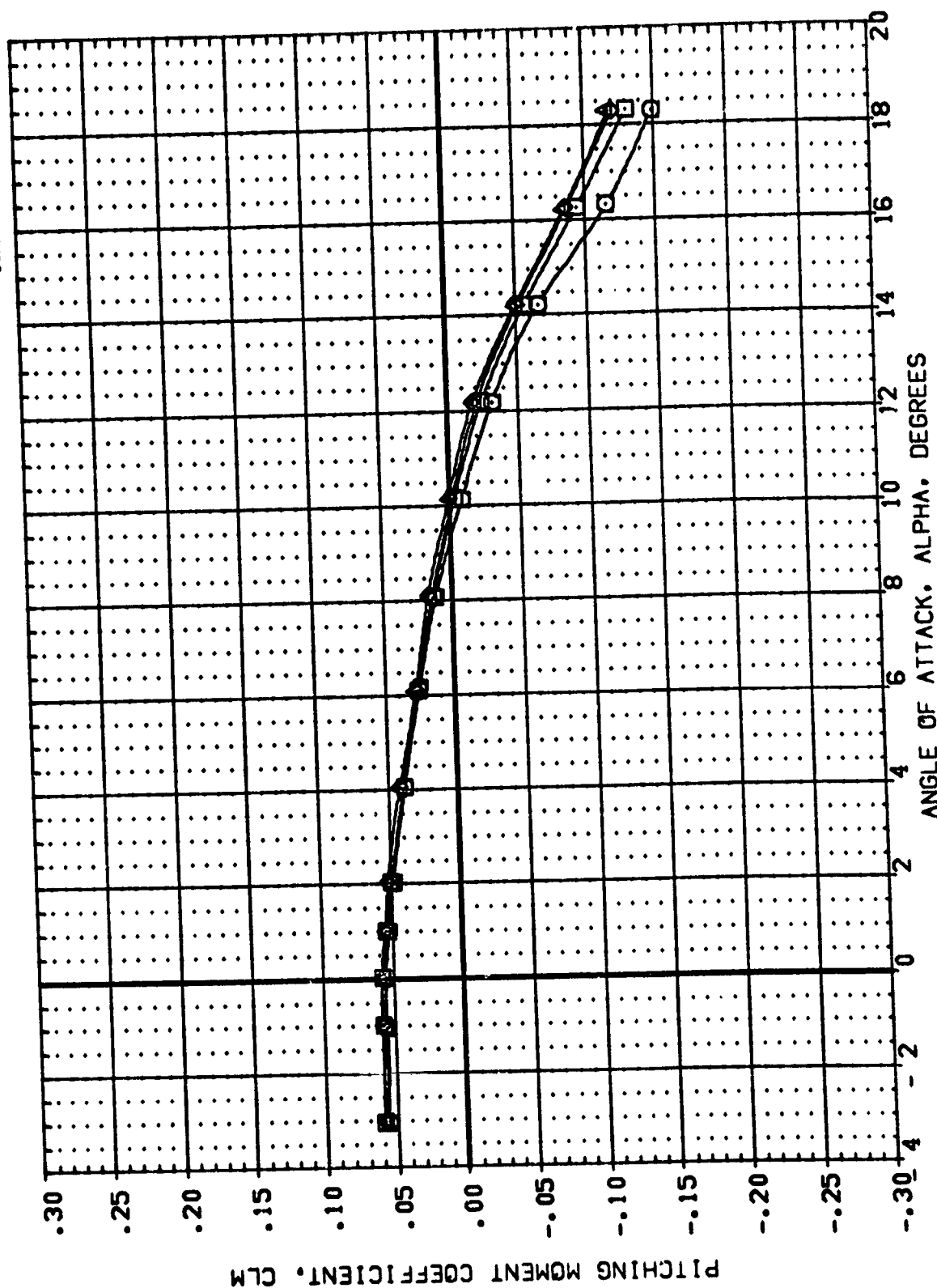
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	B. FLAP	RUDDER	RUDEFLR	REFERENCE INFORMATION
(BDL001)	NR.699.0405 ORB G1B10C3D7M2F1W87V5+WING TAPS	0.000	-18.000	0.000	40.000	SREF 4.4119 59.FT.
(BDL002)	NR.699.0405 ORB G1B10C3D7M2F1W87V5+WING TAPS	0.000	-18.000	0.000	40.000	LREF 19.2999 INCHES
(BDL003)	NR.699.0405 ORB G1B10C3D7M2F1W87V5	0.000	-18.000	0.000	40.000	BREF 37.9349 INCHES
(BDL097)	NR.699.0405 ORB G1B10C3D7M2F1W87V5	0.000	-18.000	0.000	40.000	YMRP 43.5974 INCHES
						ZMRP 0.0000 INCHES
						SCALE 16.2000 INCHES
						0.0405 SCALE



EFFECT OF MODEL SUPPORT CLEARANCE HOLE (LONGITUDINAL CHARACTERISTICS)

(A)MACH = .16

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	B. FLAP	RUDDER	RUDDFLR	REFERENCE INFORMATION
(BOL001)	NR.699.0405 ORB 61B10C5D7M2F1M87V5+MING TAPS	0.000	-16.000	0.000	40.000	SRFP 4.4119 58. FT.
(BOL002)	NR.699.0405 ORB 61B10C5D7M2F1M87V5+MING TAPS	0.000	-16.000	0.000	40.000	LRFP 19.2999 INCHES
(BOL003)	NR.699.0405 ORB 61B10C5D7M2F1M87V5	0.000	-16.000	0.000	40.000	XRFP 37.9349 INCHES
(BOL097)	NR.699.0405 ORB 61B10C5D7M2F1M87V5	0.000	-16.000	0.000	40.000	YMRP 49.5974 INCHES
						ZMRP 0.0000 INCHES
						SCALE 16.2000 INCHES
						SCALE 0.0405



EFFECT OF MODEL SUPPORT CLEARANCE HOLE (LONGITUDINAL CHARACTERISTICS)

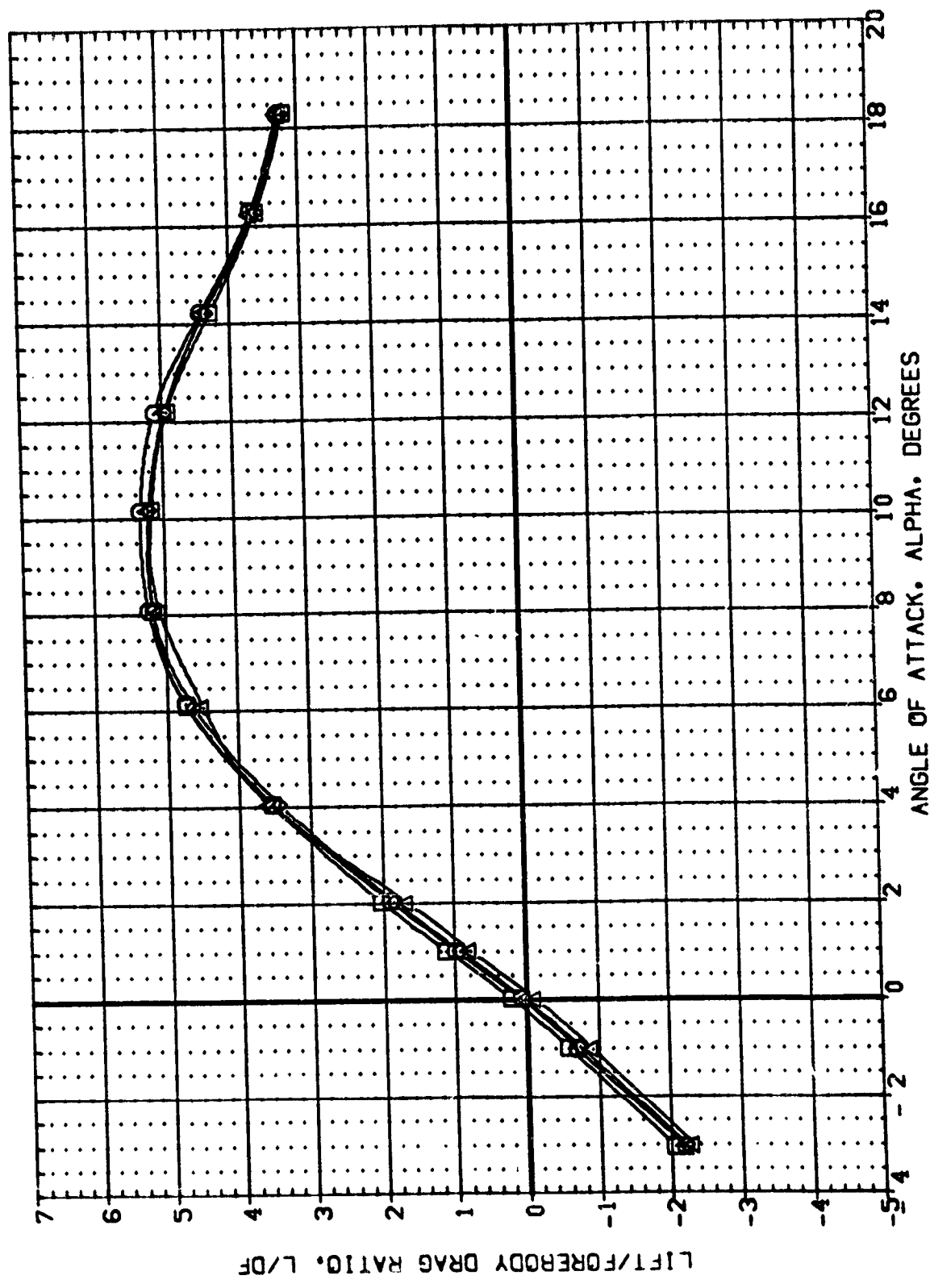
(A)MACH = .16

DATA SET SYMBOL    CONFIGURATION DESCRIPTION    REFERENCE INFORMATION

(BOL001)	NR.699.0405 ORB G1B10C5D7M2F1W67V5+MING TAPS	SREF 4.4119 59. FT.
(BOL002)	NR.699.0.05 ORB G1S10C5D7M2F1W67V5+MING TAPS	LREF 19.2999 INCHES
(BOL003)	NR.699.0.05 ORB G1B10C5D7M2F1W67V5	BREF 37.9349 INCHES
(BOL007)	NR.699.0405 ORB G1B10C5D7M2F1W67V5	XMRP 43.5974 INCHES
		YMRP 0.0000 INCHES
		ZMRP 16.2000 INCHES
		SCALE 0.0405

ELEVON    B.FLAP    RUDDER    RUDDLER

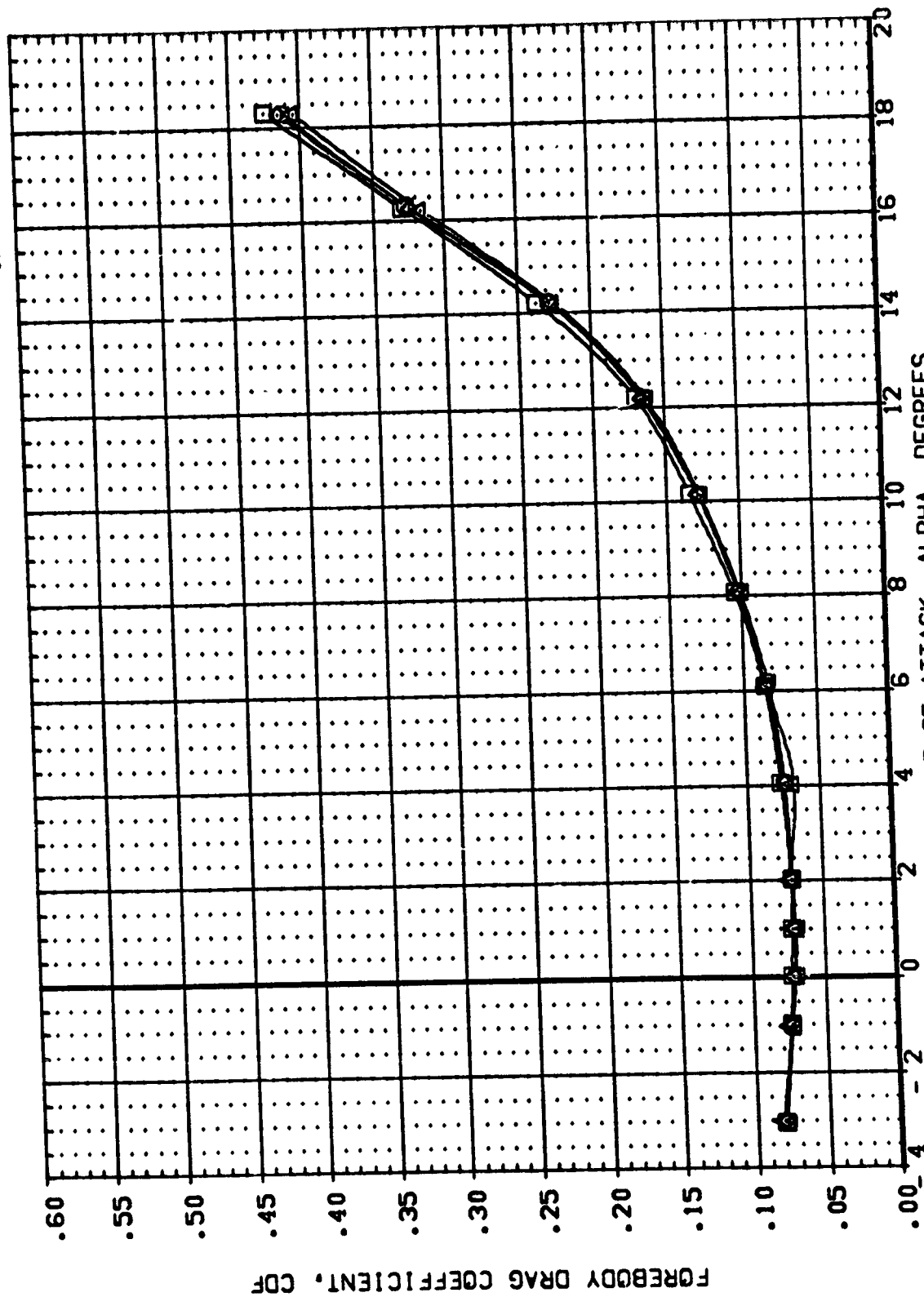
0.000	-16.000	0.000	40.000
0.000	-16.000	0.000	40.000
0.000	-16.000	0.000	40.000
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EFFECT OF MODEL SUPPORT CLEARANCE HOLE (LONGITUDINAL CHARACTERISTICS)

(A)MACH = .16

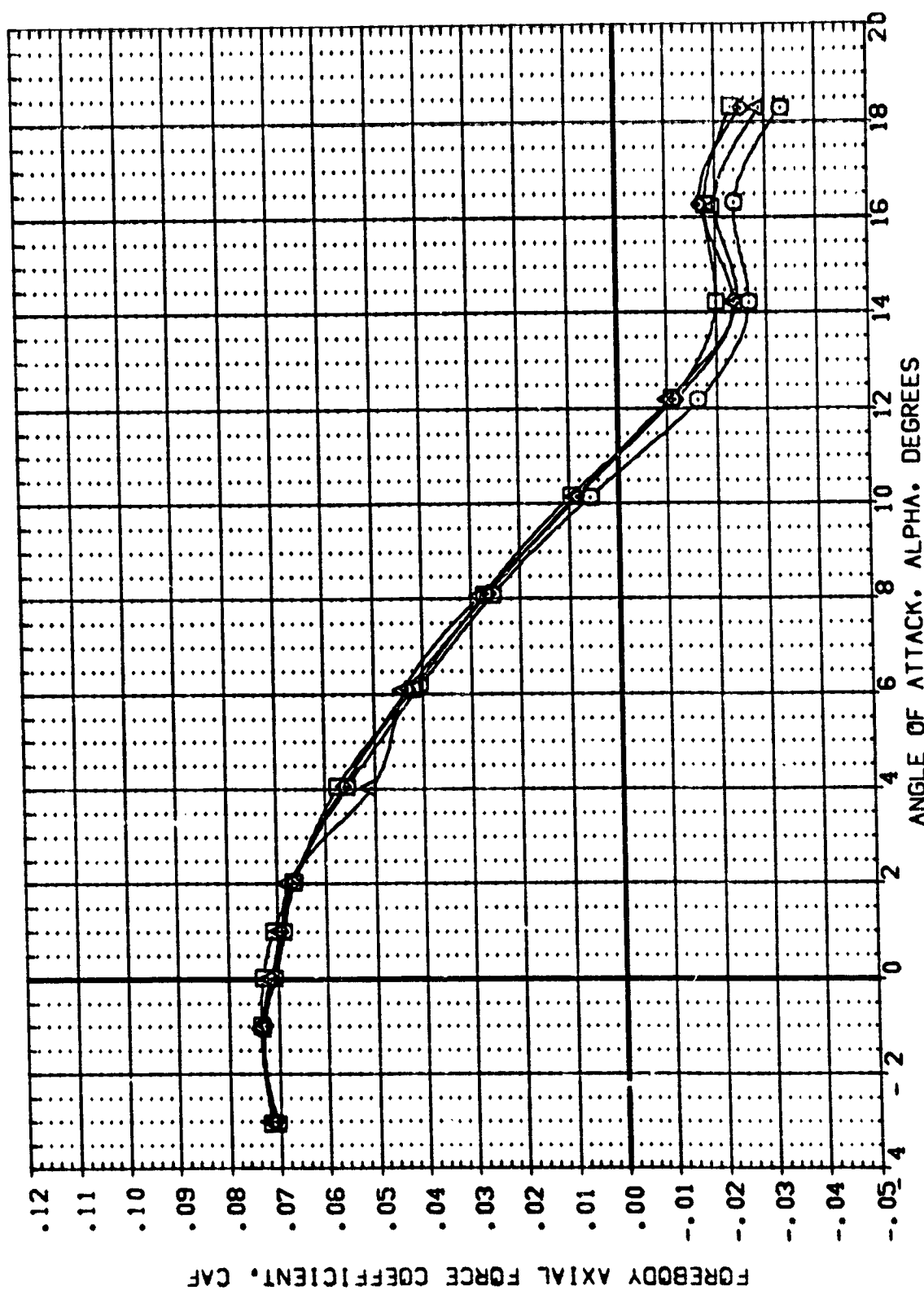
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(BDL001)	NR.699.0405 ORB 61B10C5D7M2F1W87V5+JING TAPS	0.000	-18.000	0.000	40.000	4.4119 38.FT.
(BDL002)	NR.699.0405 ORB 61B10C5D7M2F1W87V5+JING TAPS	0.000	-18.000	0.000	40.000	19.2999 INCHES
(BDL003)	NR.699.0405 ORB 61B10C5D7M2F1W87V5	0.000	-18.000	0.000	40.000	37.9349 INCHES
(BDL097)	NR.699.0405 ORB 61B10C5D7M2F1W87V5	0.000	-18.000	0.000	40.000	43.9974 INCHES
						0.0000 INCHES
						16.2000 INCHES
						0.0405 SCALE



EFFECT OF MODEL SUPPORT CLEARANCE HOLE (LONGITUDINAL CHARACTERISTICS)

(A)MACH = .16

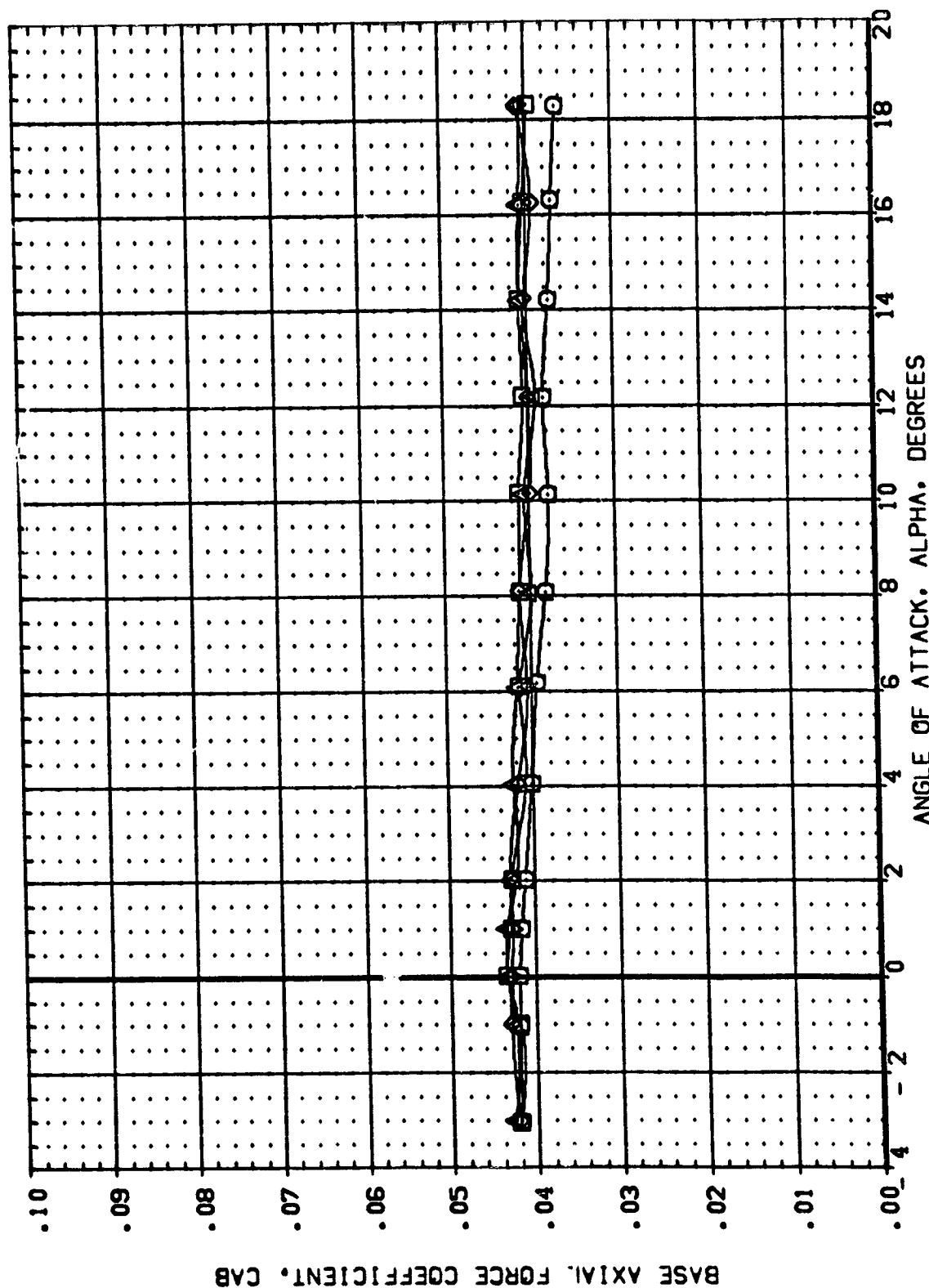
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(BDL001)	□	NR. 899.0405 ORB G1B10C5D7M2F1W87V5+WING TAPS	0.000	-18.000	0.000	40.000	REF 4.4119 INCHES
(BDL002)	□	NR. 899.0405 ORB G1B10C5D7M2F1W87V5+WING TAPS	0.000	-18.000	0.000	40.000	REF 19.2999 INCHES
(BDL003)	□	NR. 899.0405 ORB G1B10C5D7M2F1W87V5	0.000	-18.000	0.000	40.000	REF 37.9349 INCHES
(BDL007)	□	NR. 899.0405 ORB G1B10C5D7M2F1W87V5	0.000	-18.000	0.000	40.000	REF 43.5974 INCHES
							REF 0.0000 INCHES
							REF 16.2000 INCHES
							REF 0.0405 INCHES
							SCALE



EFFECT OF MODEL SUPPORT CLEARANCE HOLE (LONGITUDINAL CHARACTERISTICS)

(A)MACH = .16

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	B. FLAP	RUDDER	RUDFLR	REFERENCE INFORMATION
(BDL001)	NR.699.0405 ORB 61810C5D7M2F1U87V5+WING TAPS	0.000	-16.000	0.000	40.000	SREF 4.4119 38.77-
(BDL002)	NR.699.0405 ORB 61810C5D7M2F1U87V5+WING TAPS	0.000	-16.000	0.000	40.000	LREF 19.2999 INCHES
(BDL003)	NR.699.0405 ORB 61810C5D7M2F1U87V5	0.000	-16.000	0.000	40.000	BREF 37.9349 INCHES
(BDL097)	NR.699.0405 ORB 61810C5D7M2F1U87V5	0.000	-16.000	0.000	40.000	YMRP 43.5974 INCHES
						ZMRP 0.0000 INCHES
						SCALE 16.2600 INCHES
						0.0405 \$SCALE

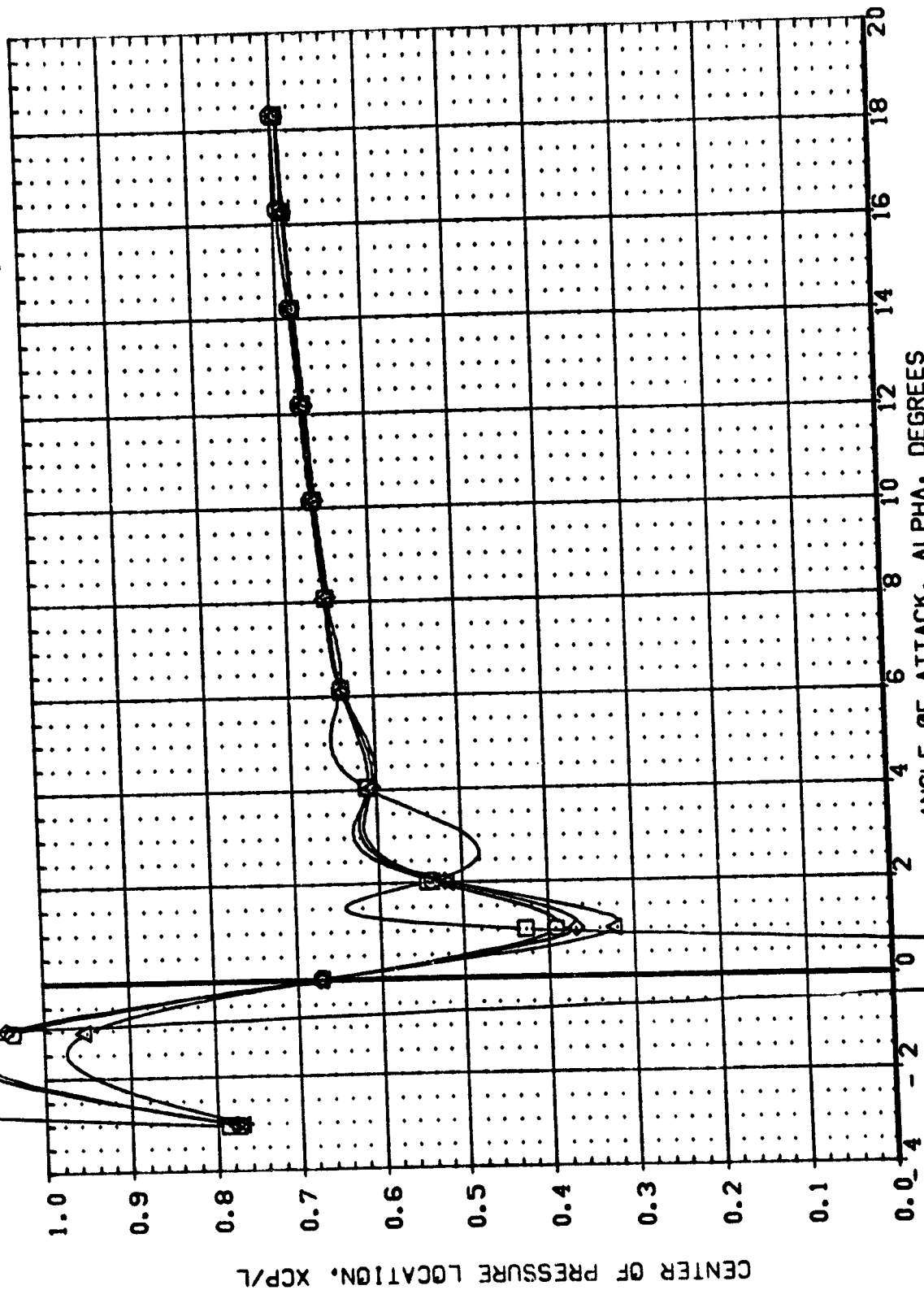


EFFECT OF MODEL SUPPORT CLEARANCE HOLE (LONGITUDINAL CHARACTERISTICS)

(A)MACH = .16



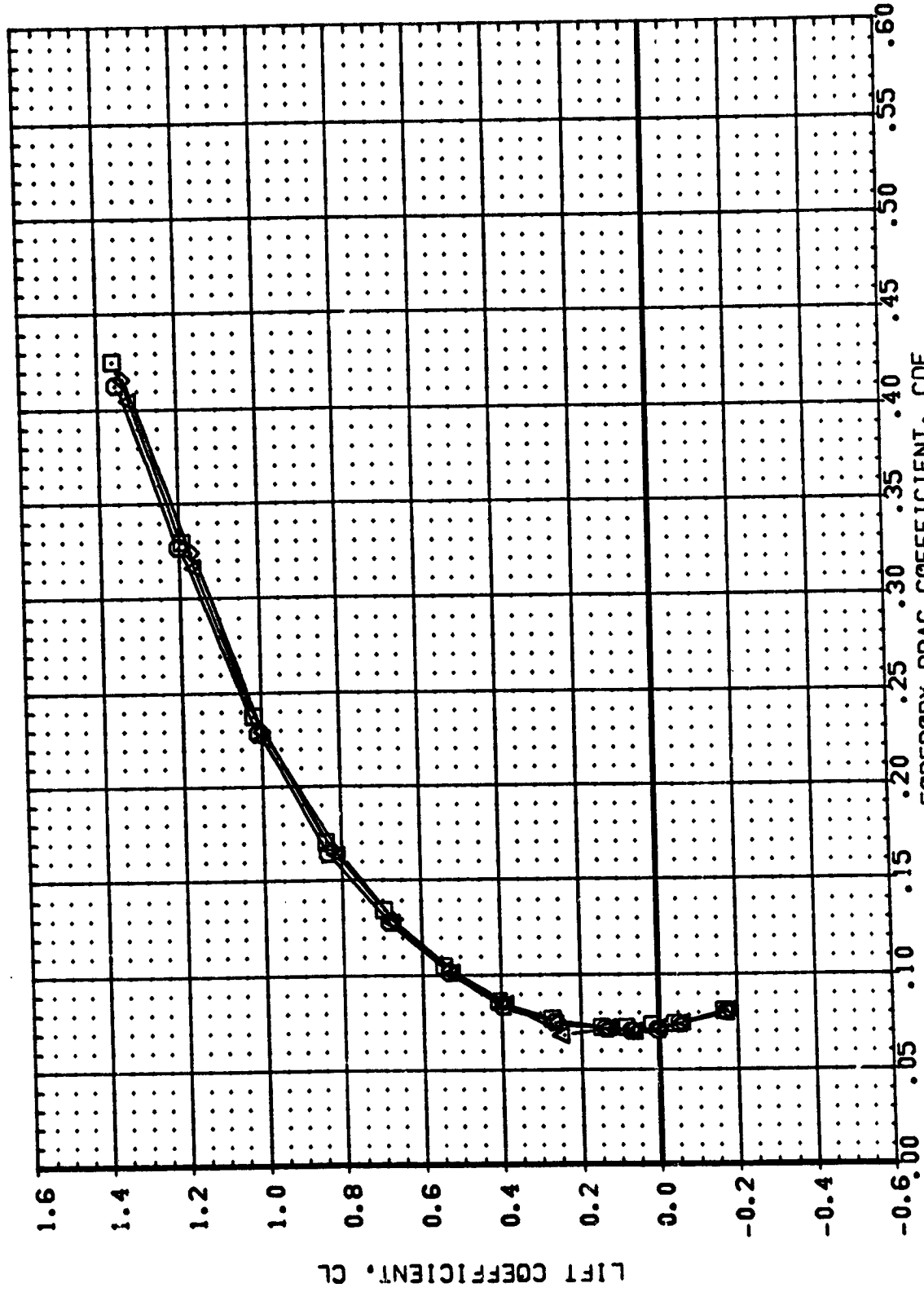
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(BOL001)	NR. 699.0405 ORB C1B1DC5D7M2F1W6TV5+WING TAPS	0.000	-16.000	0.000	40.000	SREF	4.4119 53. FT.
(BOL002)	NR. 699.0405 ORB C1B1DC5D7M2F1W6TV5+WING TAPS	0.000	-16.000	0.000	40.000	LREF	19.2999 INCHES
(BOL003)	NR. 699.0405 ORB C1B1DC5D7M2F1W6TV5	0.000	-16.000	0.000	40.000	BREF	37.9349 INCHES
(BOL007)	NR. 699.0405 ORB C1B1DC5D7M2F1W6TV5	0.000	-16.000	0.000	40.000	VMRP	45.5974 INCHES
						VMRP	0.0000 INCHES
						ZMRP	16.2000 INCHES
						SCALE	0.0405



EFFECT OF MODEL SUPPORT CLEARANCE HOLE (LONGITUDINAL CHARACTERISTICS)

(A)MACH = .16

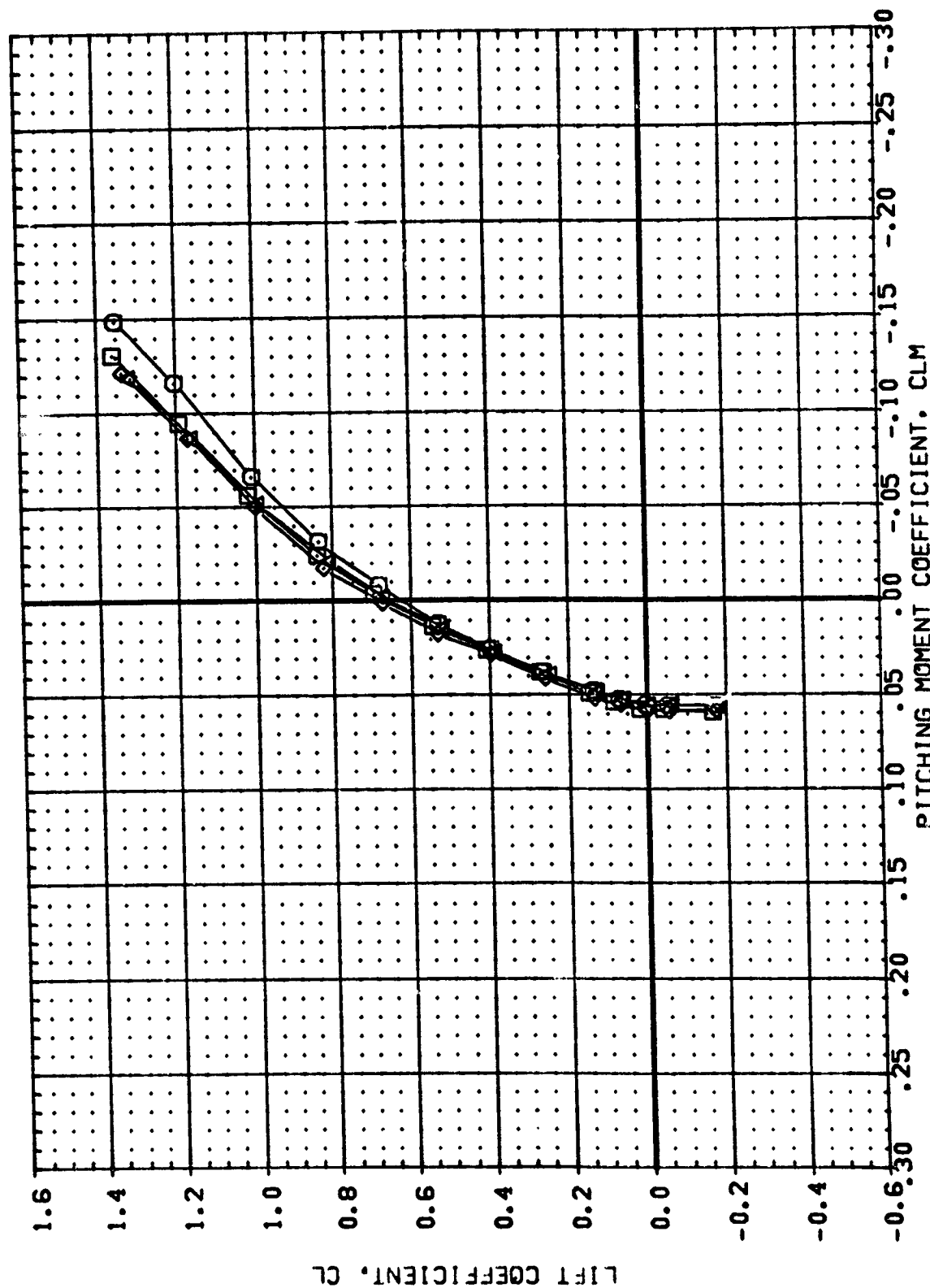
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(BDL001)	NR.699.0405 ORB 61B10C5D7M2F1W87V5+JING TAPS	0.000	-18.000	0.000	40.000	SRF 4.4119 90.FT. INCHES
(BDL002)	NR.699.0405 ORB 61B10C5D7M2F1W87V5+JING TAPS	0.000	-18.000	0.000	40.000	LREF 19.2999 INCHES
(BDL003)	NR.699.0405 ORB 61B10C5D7M2F1W87V5	0.000	-18.000	0.000	40.000	BREF 37.9349 INCHES
(BDL097)	NR.699.0405 ORB 61B10C5D7M2F1W87V5	0.000	-18.000	0.000	40.000	XMRP 43.5974 INCHES
						YMRP 0.0000 INCHES
						ZMRP 16.2000 INCHES
						SCALE 0.0405



EFFECT OF MODEL SUPPORT CLEARANCE HOLE (LONGITUDINAL CHARACTERISTICS)

(A)MACH = .16

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	B. FLAP	RUDDER	RUDFLR	REFERENCE INFORMATION
(BDL001)	NR.699.0405 ORB G1810C5D7M2F1W87V3+WING TAPS	0.000	-18.000	0.000	40.000	SREF 4.4119 58.FT. INCHES
(BDL002)	NR.639.0405 ORB G1810C5D7M2F1W87V3+WING TAPS	0.000	-18.000	0.000	40.000	LREF 19.2999 INCHES
(BDL005)	NR.699.0405 ORB G1810C5D7M2F1W87V3	0.000	-18.000	0.000	40.000	BREF 37.9349 INCHES
(BDL097)	NR.699.0405 ORB G1810C5D7M2F1W87V3	0.000	-18.000	0.000	40.000	XMRP 45.9974 INCHES
						ZMRP 0.0000 INCHES
						SCALE 10.2000 INCHES
						0.0405



EFFECT OF MODEL SUPPORT CLEARANCE HOLE (LONGITUDINAL CHARACTERISTICS)

(A)MACH = .16

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(CDL096) Q NR.699.0405 ORB 61B10C5D7M2F1A87V5  
(CDL096)

CONFIGURATION DESCRIPTION

BETA 10.000 0.000 0.000 0.000

ELEVON 0.000 0.000 0.000 0.000

B.FLAP -16.000 -16.000

RUDDER 0.000 0.000

REFERENCE INFORMATION

4.4119 58.000

SRF 19.2998 INCHES

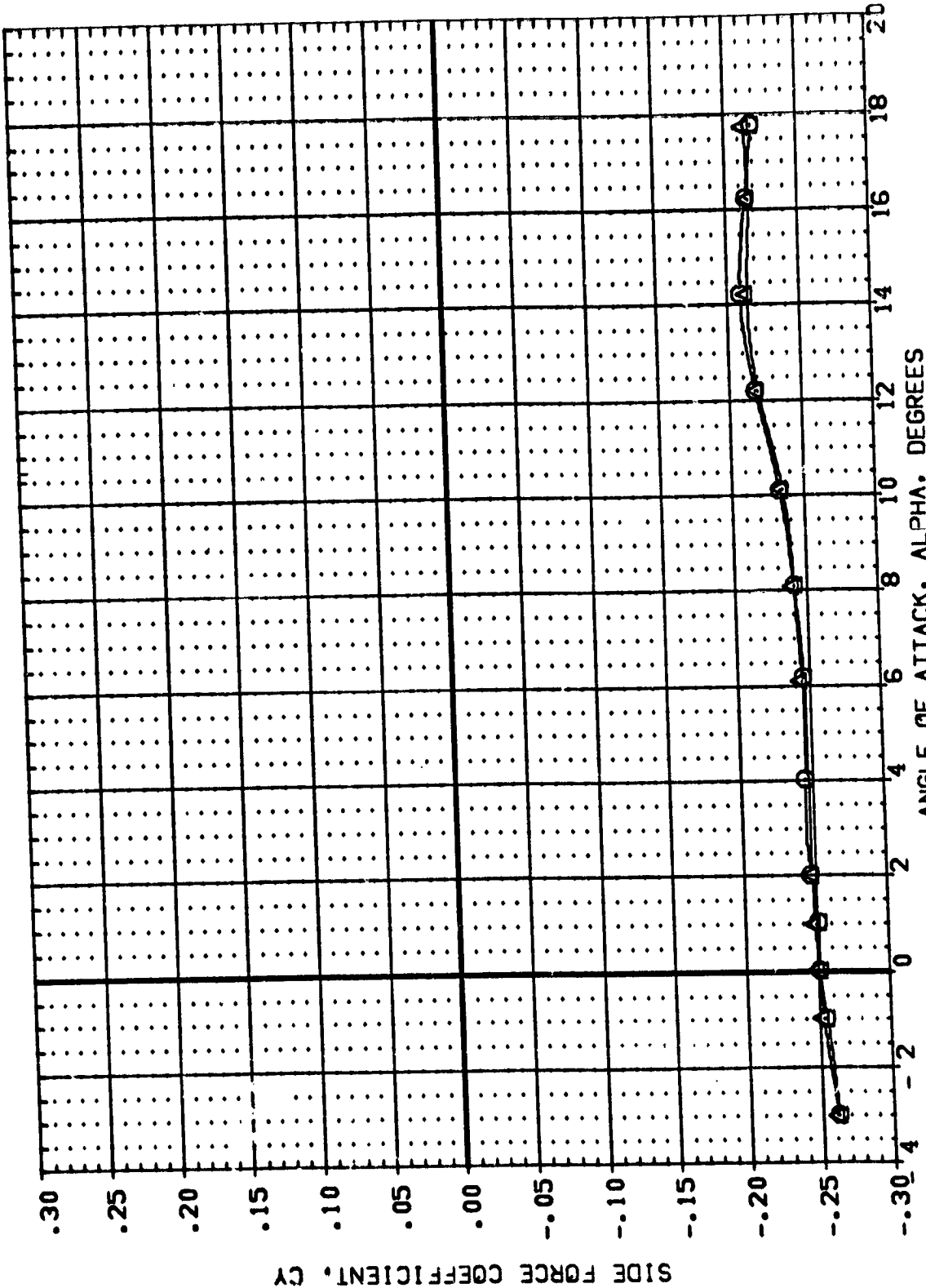
LRF 37.9949 INCHES

XRFP 49.9974 INCHES

YMRP 0.0000 INCHES

ZMRP 16.2000 INCHES

SCALE 0.0405



ANGLE OF ATTACK, ALPHA, DEGREES

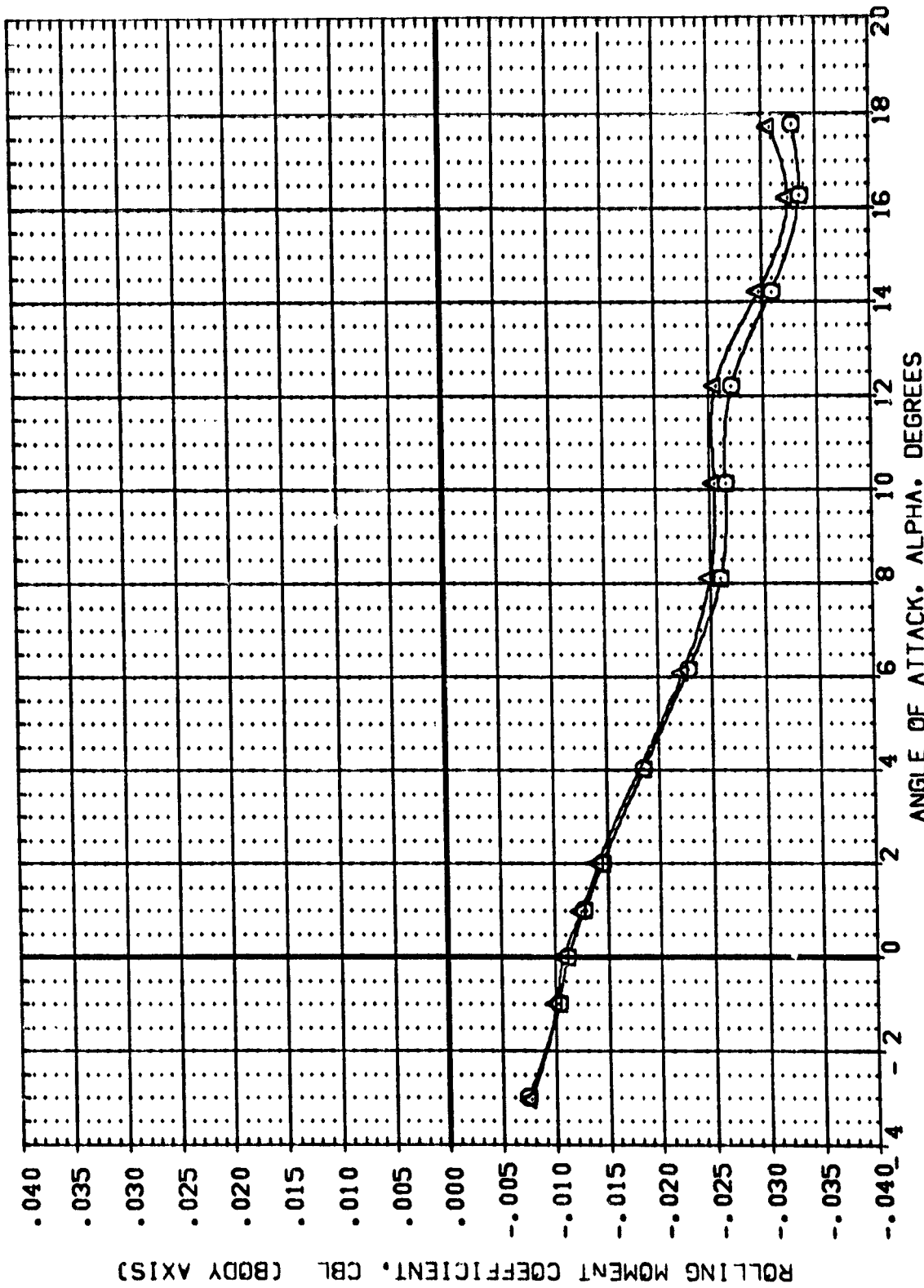
EFFECT OF MODEL SUPPORT CLEARANCE HOLE (LATERAL CHARACTERISTICS)

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ELEVON 0.000  
9-FLAP -10.000  
RUDDER 0.000

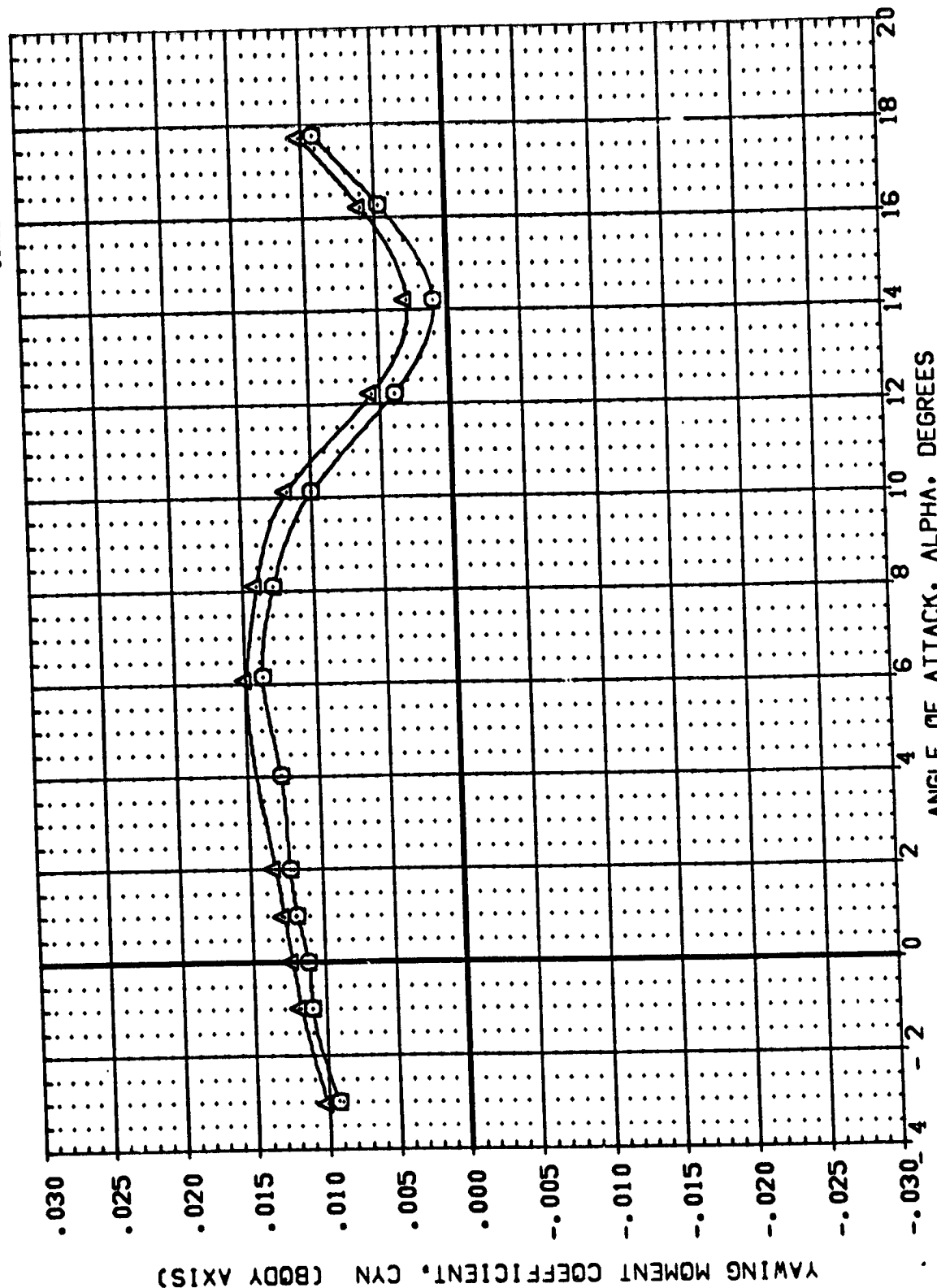
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BREF 57.9549 INCHES  
XMRP 43.9974 INCHES  
YMRP 0.0000 INCHES  
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SCALE 0.0405



EFFECT OF MODEL SUPPORT CLEARANCE HOLE (LATERAL CHARACTERISTICS)

(A)MACH = .16

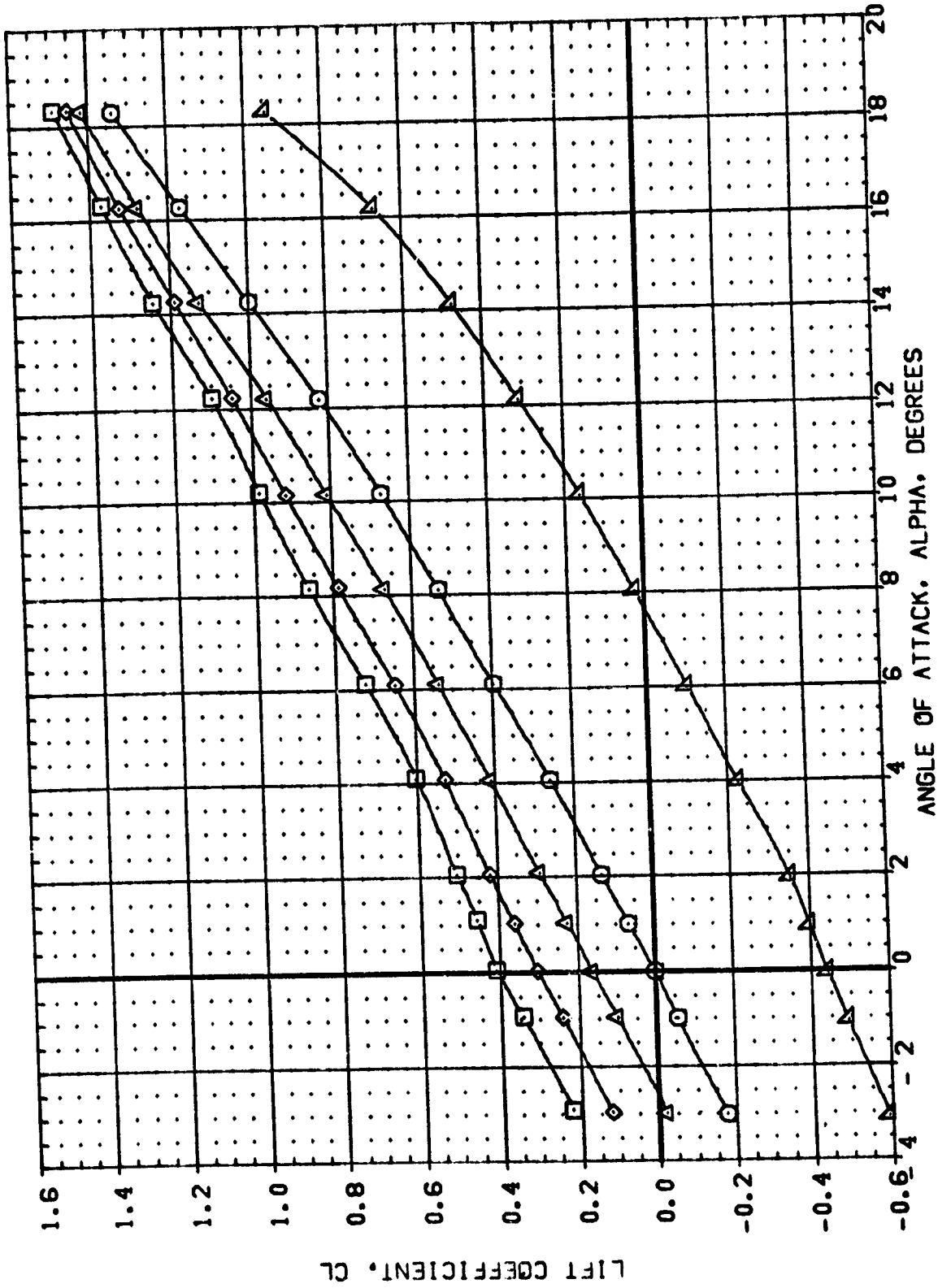
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(COL096)			LREF	19.2999 INCHES
NR. 699.0405 ORB		61B10C5D7M2F1W7V5	BREF	37.9349 INCHES
(COL096)			XMRP	45.5974 INCHES
			YMRP	0.0000 INCHES
			ZMRP	16.2000 INCHES
			SCALE	0.0405 SCALE



EFFECT OF MODEL SUPPORT CLEARANCE HOLE (LATERAL CHARACTERISTICS)

(A)MACH = .16

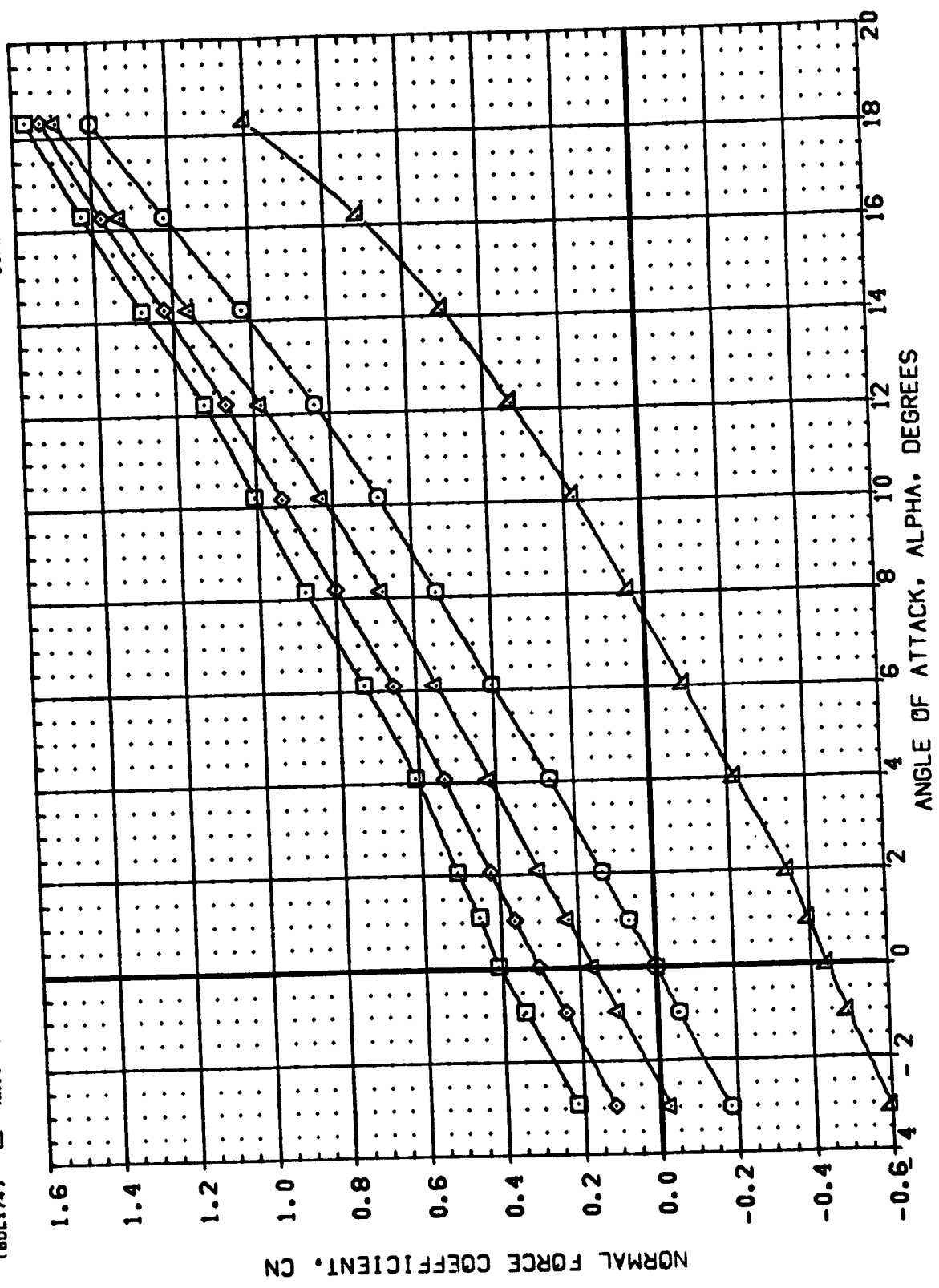
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(BDL009)	NR.699.0405 ORB 61810C507M2F1W87V5	0.000	-18.000	0.000	40.000	SREF 4.4119 58.FT.
(BDL173)	NR.699.0405 ORB 61810C507M2F1W87E18V5	5.000	-18.000	0.000	40.000	LREF 19.2999 INCHES
(BDL148)	NR.699.0405 ORB 61810C507M2F1W87V5+E18	10.000	-18.000	0.000	40.000	BREF 57.9349 INCHES
(BDL077)	NR.699.0405 ORB 61810C507M2F1W87E18V5	15.000	-18.000	0.000	40.000	YMRP 43.5974 INCHES
(BDL174)	NR.699.0405 ORB 61810C507M2F1W87E18V5	-20.000	-18.000	0.000	40.000	ZMRP 0.0000 INCHES
						SCALE 0.0405



ELEVON EFFECTIVENESS

(A)MACH = .16

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	B. FLAP	RUDDER	RUDFLR	REFERENCE INFORMATION
(BDL025)	NR.699.0405 ORB 61B10C5D7M2F1W67E18V5	0.000	-18.000	0.000	40.000	SRF 4.4119 88.FT. INCHES
(BDL175)	NR.699.0405 ORB 61B10C5D7M2F1W67E18V5	5.000	-18.000	0.000	40.000	LRF 19.2999 INCHES
(BDL149)	NR.699.0405 ORB 61B10C5D7M2F1W67E18V5	10.000	-18.000	0.000	40.000	BRF 37.9349 INCHES
(BDL077)	NR.699.0405 ORB 61B10C5D7M2F1W67E18V5	15.000	-18.000	0.000	40.000	YMRP 43.9974 INCHES
(BDL174)	NR.699.0405 ORB 61B10C5D7M2F1W67E18V5	-20.000	-18.000	0.000	40.000	YMRP 0.0000 INCHES
						ZMRP 16.2000 INCHES
						SCALE 0.0405

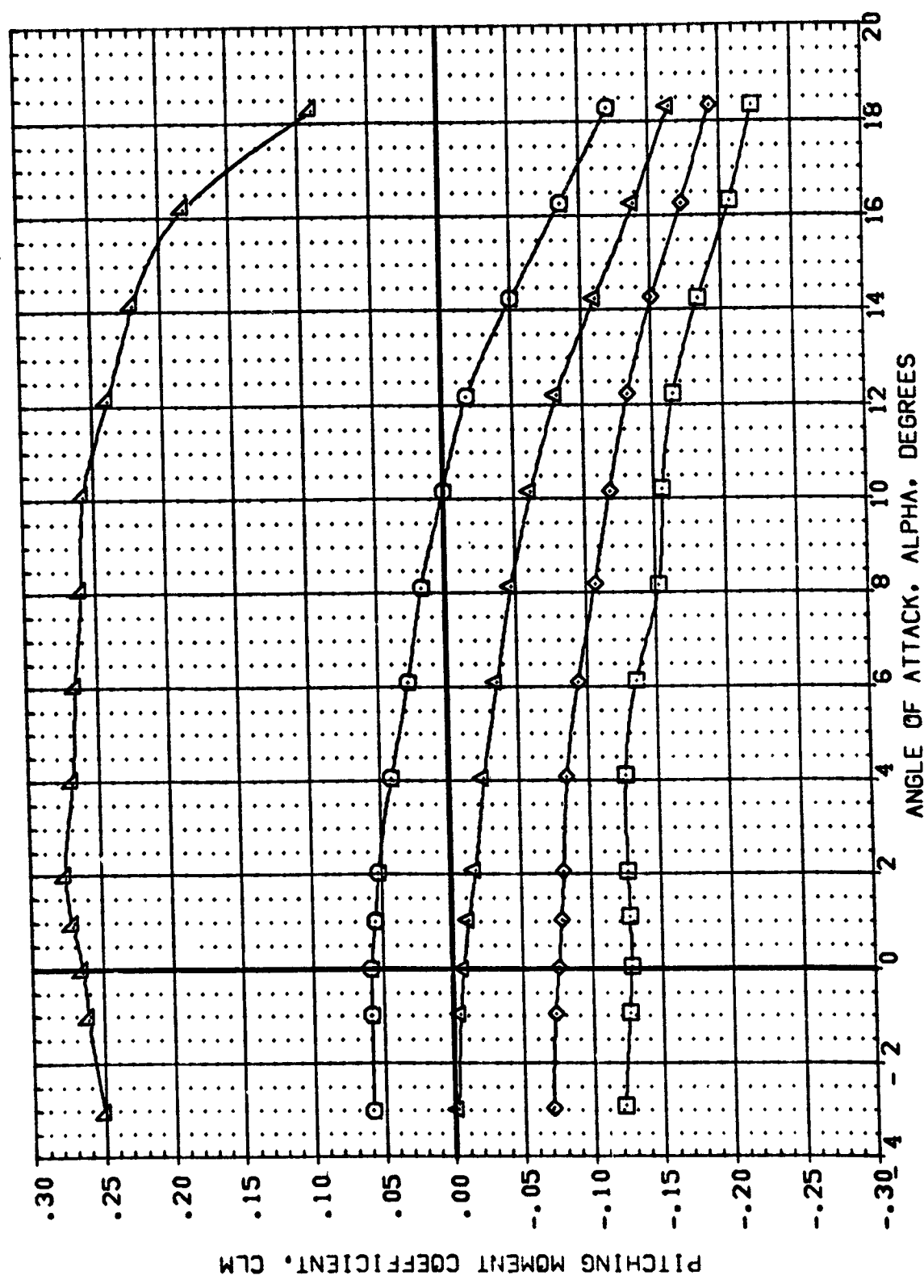


ELEVON EFFECTIVENESS

(A)MACH = .16



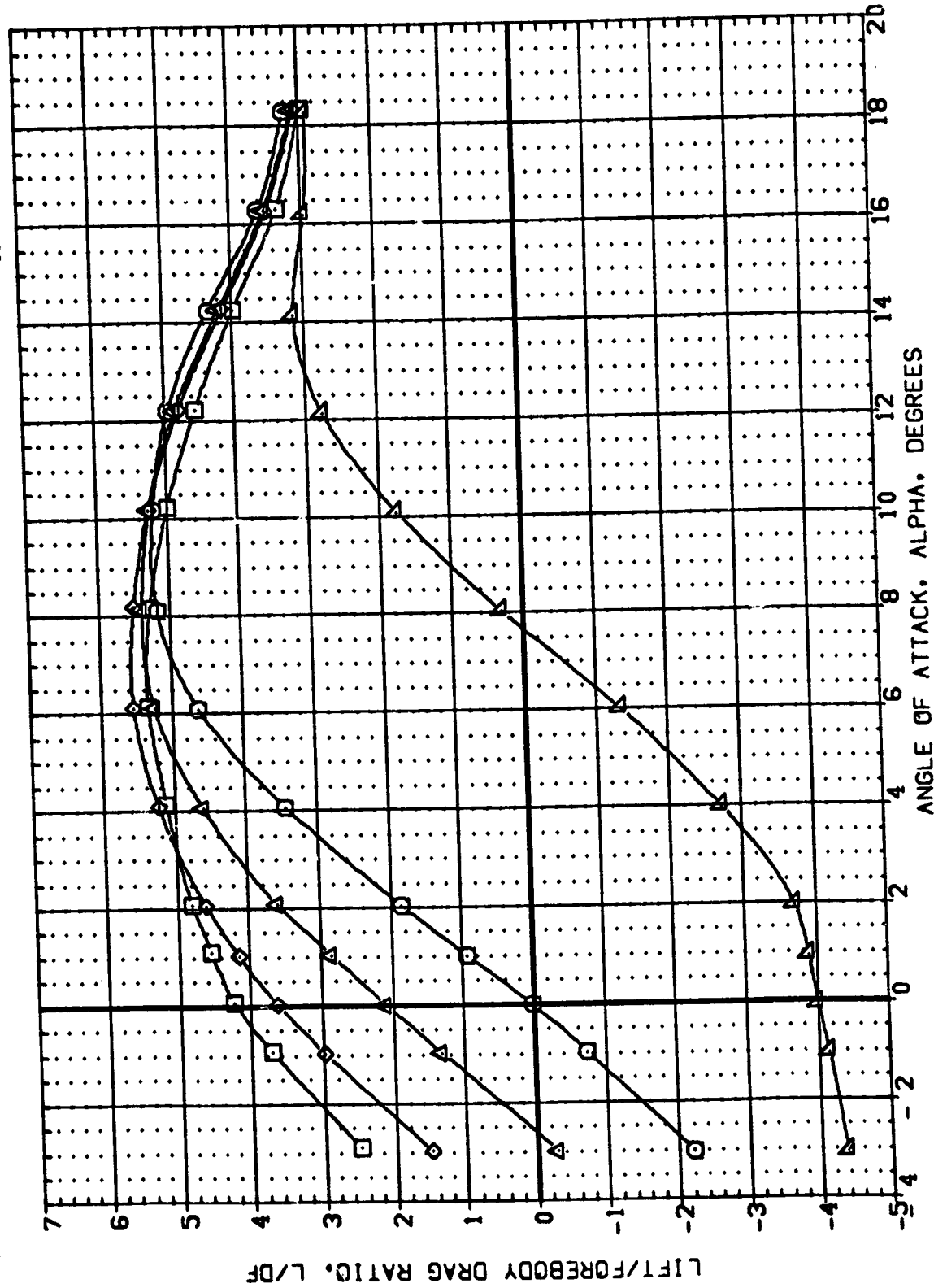
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(BDL005)	NR. 999.0405 ORB 61810C5D7M2F1W7E18V5	1.00	-18.000	0.000	40.000	4.4119 58.71. INCHES
(BDL173)	NR. 999.0405 ORB 61810C5D7M2F1W7E18V5	5.00	-18.000	0.000	40.000	18.2999 INCHES
(BDL146)	NR. 999.0405 ORB 61810C5D7M2F1W7E18V5	10.000	-18.000	0.000	40.000	37.9348 INCHES
(BDL077)	NR. 999.0405 ORB 61810C5D7M2F1W7E18V5	15.000	-18.000	0.000	40.000	45.5974 INCHES
(BDL174)	NR. 999.0405 ORB 61810C5D7M2F1W7E18V5	-20.000	-18.000	0.000	40.000	0.0000 INCHES
						16.2000 INCHES
						SCALE 0.0405



ELEVON EFFECTIVENESS

(A)MACH = .16

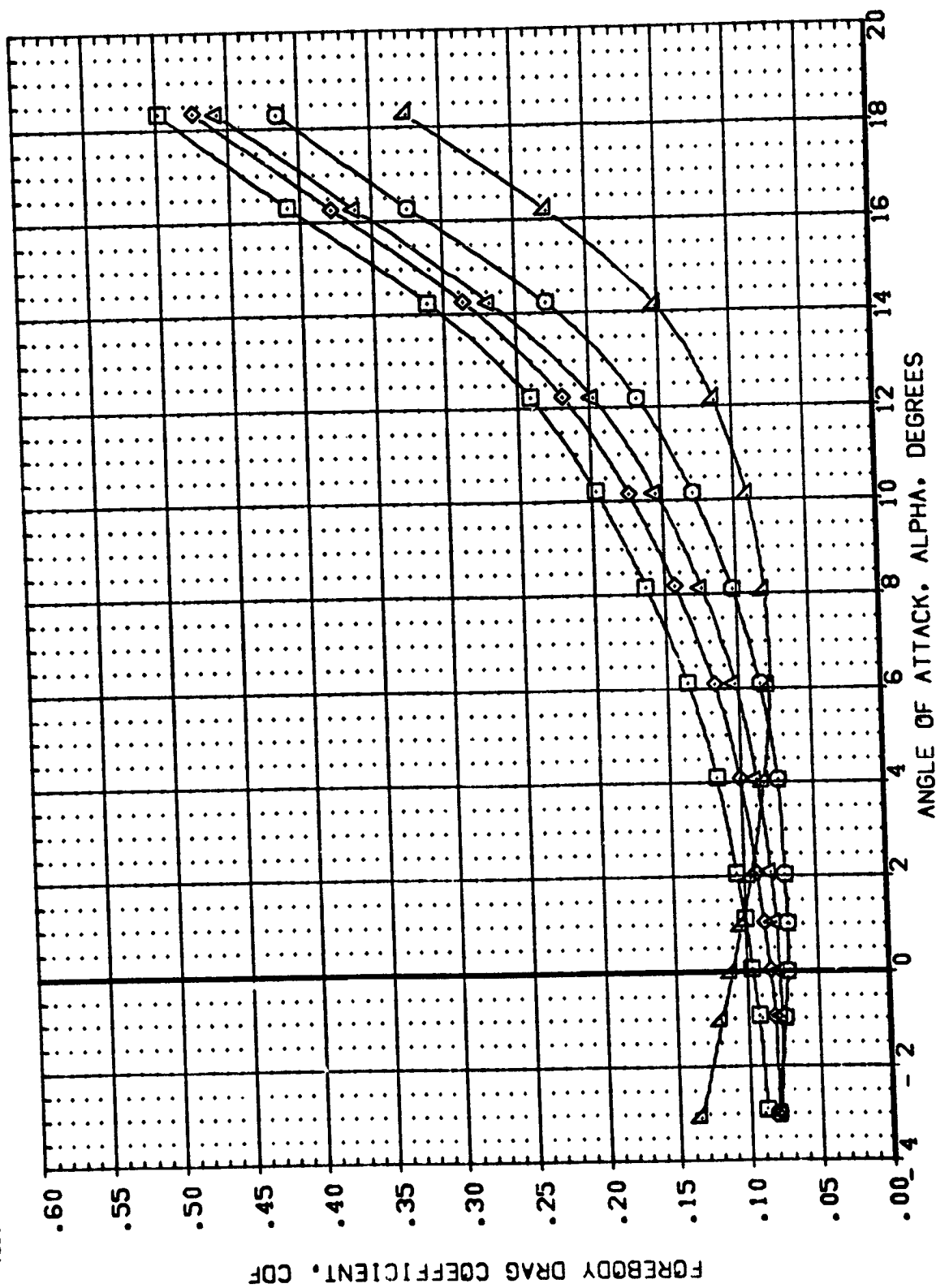
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	B. FLAP	RUDDER	RUDFLR	REFERENCE INFORMATION
(BDL005)	MR.699.0405 ORB 61810C5D7M2F1W67V5	0.000	-18.000	0.000	40.000	SREF 4.4119 58.FT. INCHES
(BDL173)	MR.699.0405 ORB 61810C5D7M2F1W67E18V5	5.000	-18.000	0.000	40.000	LREF 19.2999 INCHES
(BDL148)	MR.699.0405 ORB 61810C5D7M2F1W67V5+E18	10.000	-18.000	0.000	40.000	BREF 37.9349 INCHES
(BDL077)	MR.699.0405 ORB 61810C5D7M2F1W67E18V5	15.000	-18.000	0.000	40.000	XMRP 45.5974 INCHES
(BDL174)	MR.699.0405 ORB 61810C5D7M2F1W67E18V5	-20.000	-18.000	0.000	40.000	ZMRP 16.2000 INCHES
						SCALE 0.0405



ELEVON EFFECTIVENESS

(A)MACH = .16

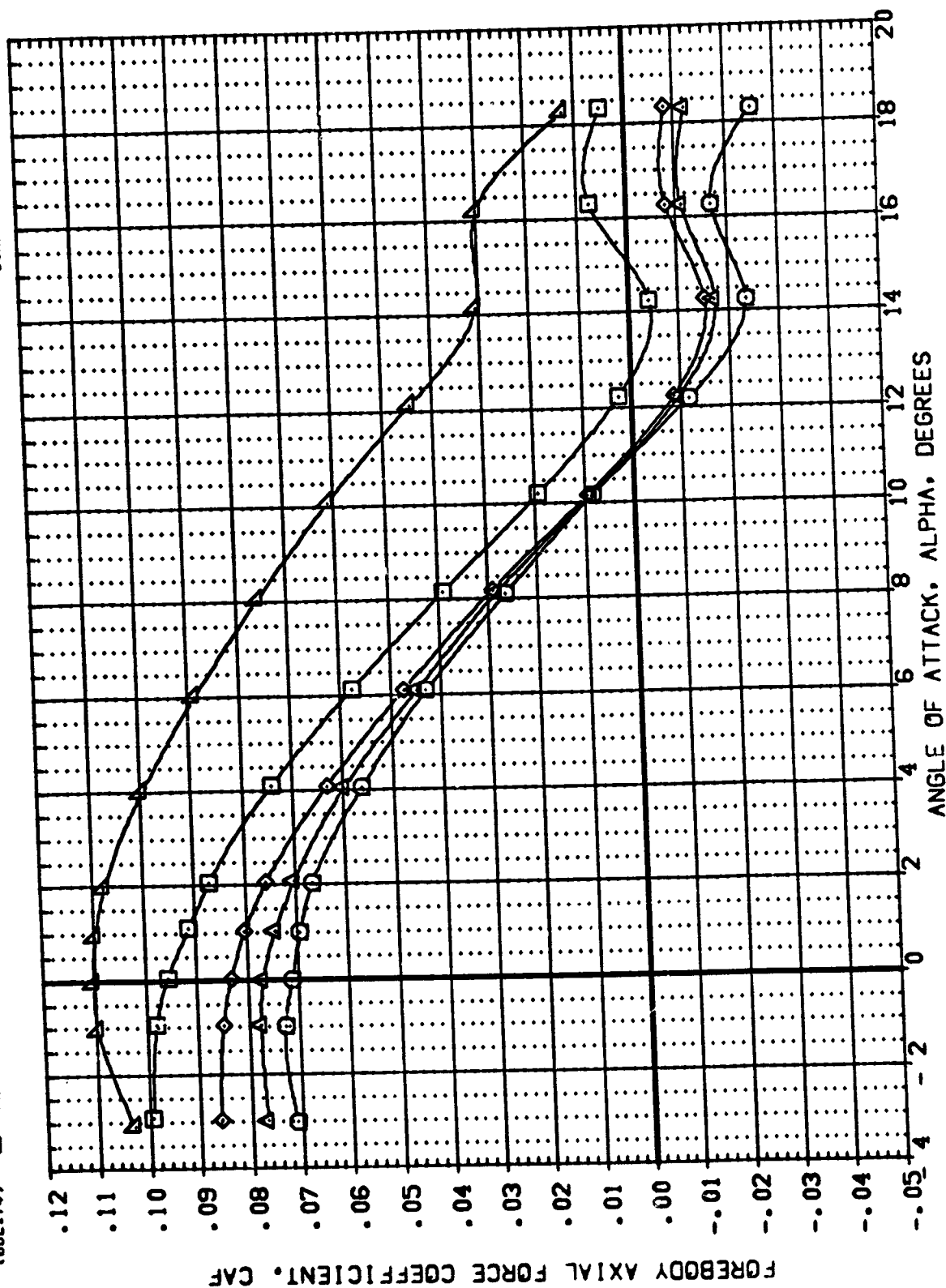
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(BDL005)	NR. 699.0405 ORB 61810C5D7M2F1M7E18V5	0.000	-18.000	0.000	40.000	SREF 4.4119 59. FT.
(BDL173)	NR. 699.0405 ORB 61810C5D7M2F1M7E18V5	5.000	-18.000	0.000	40.000	LREF 19.2999 INCHES
(BDL148)	NR. 699.0405 ORB 61810C5D7M2F1M7E18V5	10.000	-18.000	0.000	40.000	BREF 37.9349 INCHES
(BDL077)	NR. 699.0405 ORB 61810C5D7M2F1M7E18V5	15.000	-18.000	0.000	40.000	YMRP 43.5974 INCHES
(BDL174)	NR. 699.0405 ORB 61810C5D7M2F1M7E18V5	-20.000	-18.000	0.000	40.000	ZMRP 0.0000 INCHES
						SCALE 16.2000 INCHES
						0.0405



ELEVON EFFECTIVENESS

(A)MACH = .16

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	B-FLAP	RUDDER	RUDDLER	REFERENCE INFORMATION
(BDL005)	NR. 699.0405 ORB 61B10C5D7M2F1W87V5	0.000	-16.000	0.000	40.000	SRF 4.4119 58. FT. INCHES
(BDL173)	NR. 699.0405 ORB 61B10C5D7M2F1W87V5+E16	5.000	-16.000	0.000	40.000	LREF 19.2999 INCHES
(BDL148)	NR. 699.0405 ORB 61B10C5D7M2F1W87V5+E16	10.000	-16.000	0.000	40.000	RREF 37.9349 INCHES
(BDL077)	NR. 699.0405 ORB 61B10C5D7M2F1W87V5	15.000	-16.000	0.000	40.000	YMRP 43.5974 INCHES
(BDL174)	NR. 699.0405 ORB 61B10C5D7M2F1W87V5	-20.000	-16.000	0.000	40.000	ZMRP 0.0000 INCHES
						SCALE 0.0405



ELEVON EFFECTIVENESS

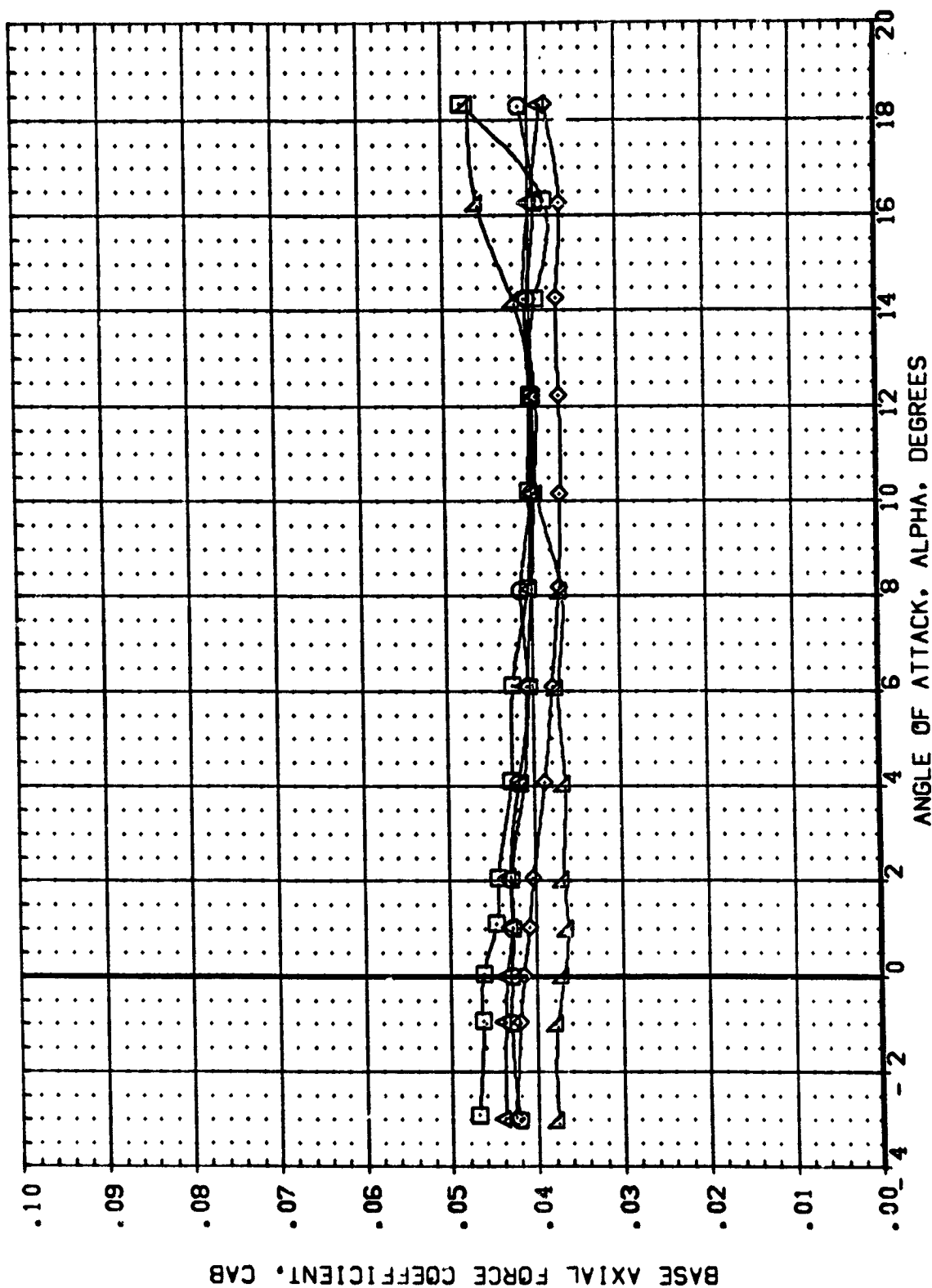
(A)MACH = .16

# DATA SET SYMBOL CONFIGURATION DESCRIPTION

(BDL005) NR.699.0405 ORB 61810C5D7M2F1W7V5  
 (BDL173) NR.699.0405 ORB 61810C5D7M2F1W7V5E18V5  
 (BDL174) NR.699.0405 ORB 61810C5D7M2F1W7V5E18V5  
 (BDL175) NR.699.0405 ORB 61810C5D7M2F1W7V5E18V5  
 (BDL176) NR.699.0405 ORB 61810C5D7M2F1W7V5E18V5  
 (BDL177) NR.699.0405 ORB 61810C5D7M2F1W7V5E18V5  
 (BDL178) NR.699.0405 ORB 61810C5D7M2F1W7V5E18V5

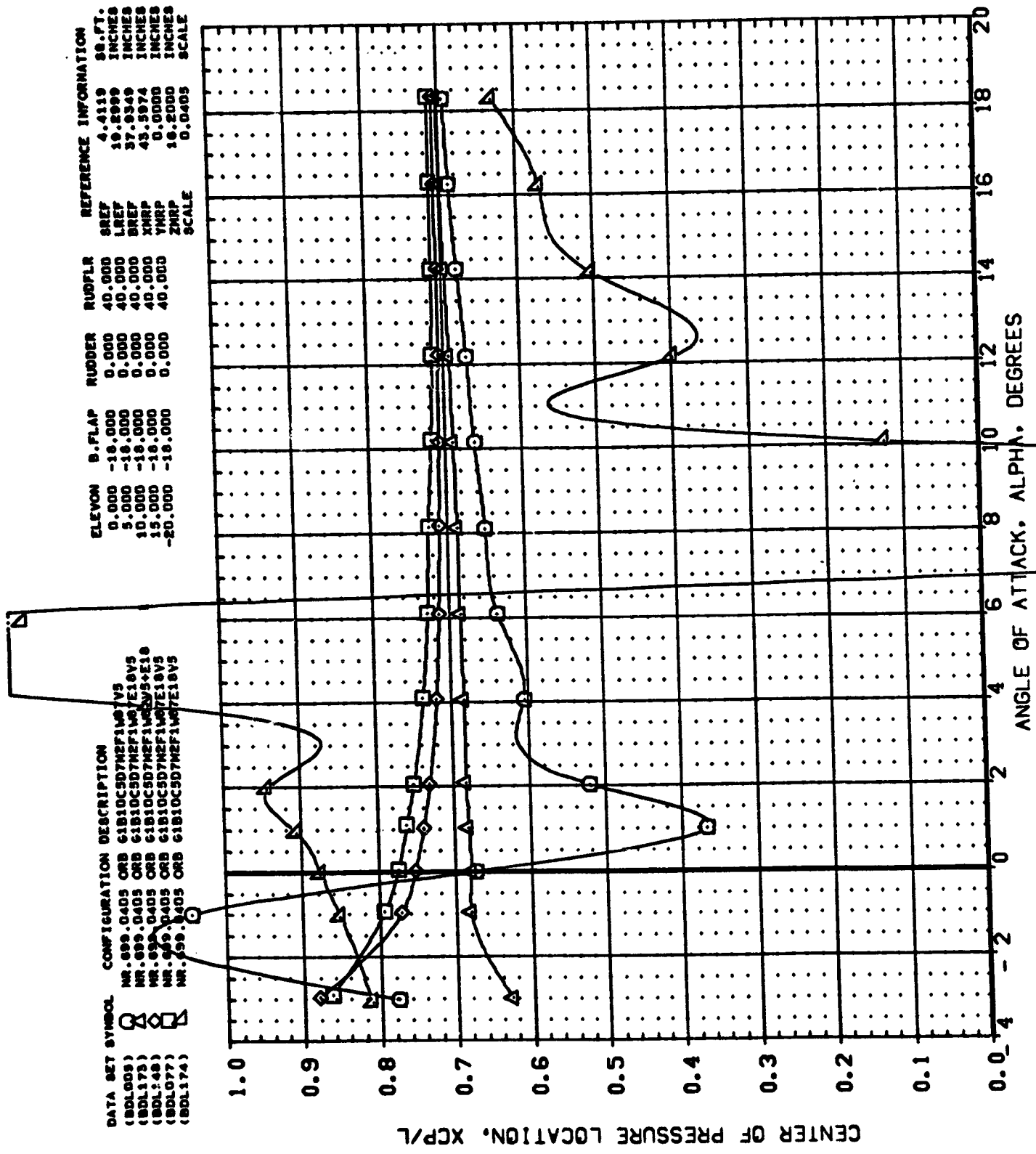
ELEVON B.FLAP RUDDER RUDFLR  
 0.000 -18.000 0.000 40.000  
 5.000 -18.000 0.000 40.000  
 10.000 -18.000 0.000 40.000  
 15.000 -18.000 0.000 40.000  
 -20.000 -18.000 0.000 40.000

REFERENCE INFORMATION  
 SREF 4.4119 98.FT.  
 LREF 19.2990 INCHES  
 BREF 37.9349 INCHES  
 XMRP 45.5974 INCHES  
 YMRP 0.0000 INCHES  
 ZMRP 16.2000 INCHES  
 SCALE 0.0405 SCALE



ELEVON EFFECTIVENESS

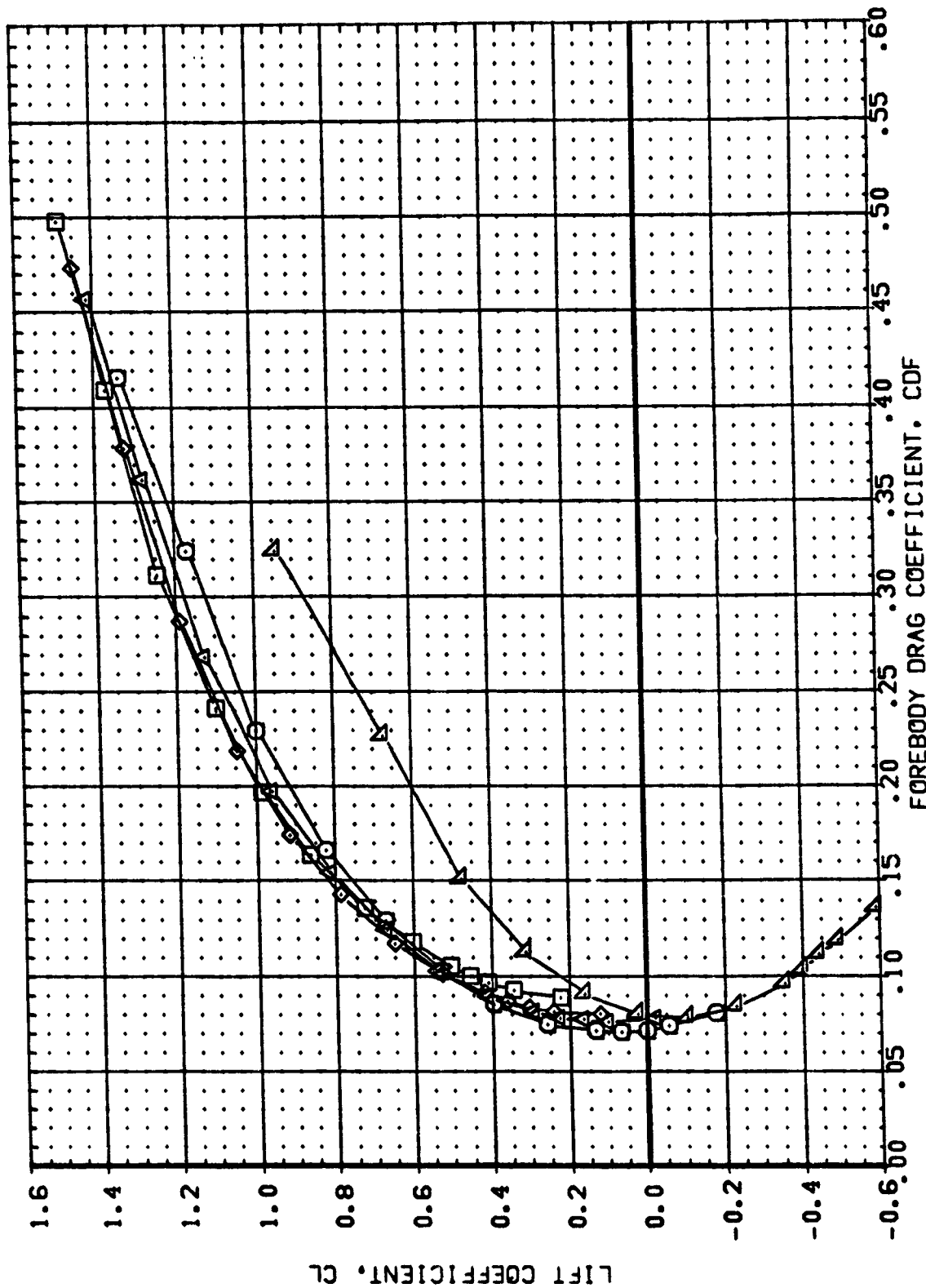
(A)MACH = .16



ELEVON EFFECTIVENESS

(M)MACH = .16

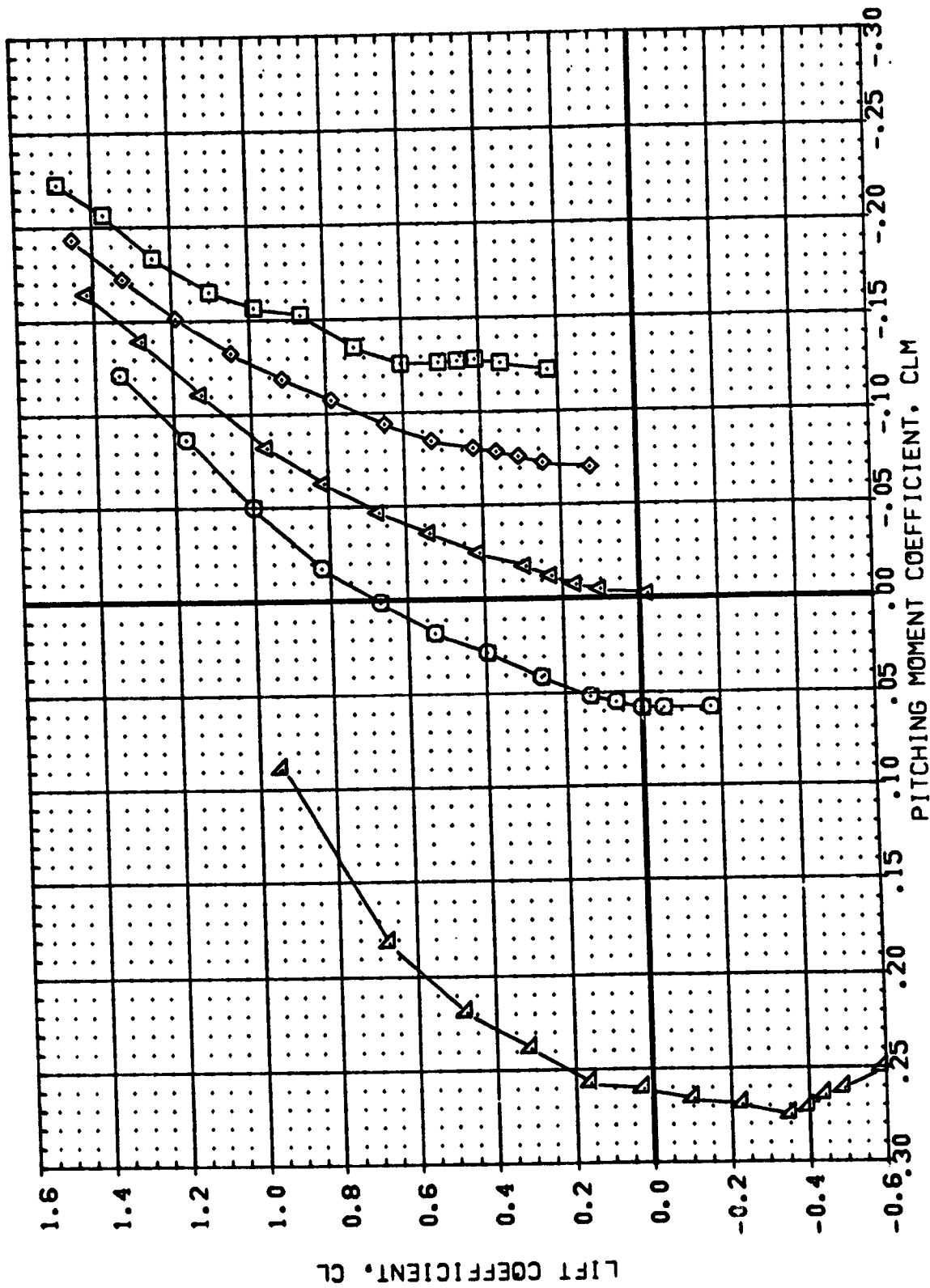
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	B. FLAP	RUDDER	RUDFLR	REFERENCE INFORMATION
(BDL005)	NR.699.0405 ORB G1B10C5D7M2F1W67V5	0.000	-18.000	0.000	40.000	SREF 4.4119 58.FT. INCHES
(BDL173)	NR.699.0405 ORB G1B10C5D7M2F1W67E18V5	5.000	-18.000	0.000	40.000	LREF 19.2999 INCHES
(BDL148)	NR.699.0405 ORB G1B10C5D7M2F1W67V5+E18	10.000	-18.000	0.000	40.000	BREF 37.9349 INCHES
(BDL077)	NR.699.0405 ORB G1B10C5D7M2F1W67E18V5	15.000	-18.000	0.000	40.000	XMRP 43.5974 INCHES
(BDL174)	NR.699.0405 ORB G1B10C5D7M2F1W67E18V5	-20.000	-18.000	0.000	40.000	YMRP 0.0000 INCHES
						ZMRP 16.2000 INCHES
						SCALE 0.0405



ELEVON EFFECTIVENESS

(A)MACH = .16

REFERENCE INFORMATION	
80-FT.	80.4119
INCHES	19.2999
INCHES	37.9349
INCHES	45.5974
INCHES	0.0000
INCHES	16.2000
SCALE	0.0405



**[A]MACH = .16**



DATA SET SYMBOL CONFIGURATION DESCRIPTION

NR. 899.0405 ORB 61810C5D7M2F1W87E18V5  
 NR. 899.0405 ORB 61810C5D7M2F1W87E18V5  
 NR. 899.0405 ORB 61810C5D7M2F1W87E18V5  
 NR. 899.0405 ORB 61810C5D7M2F1W87E18V5

DATA SET SYMBOL

(CDL174)  
 (CDL175)  
 (CDL176)  
 (CDL005)

BETA

0.000  
 5.000  
 -5.000  
 0.000

ELEVON

-20.000  
 -20.000  
 -20.000  
 0.000

B. FLAP

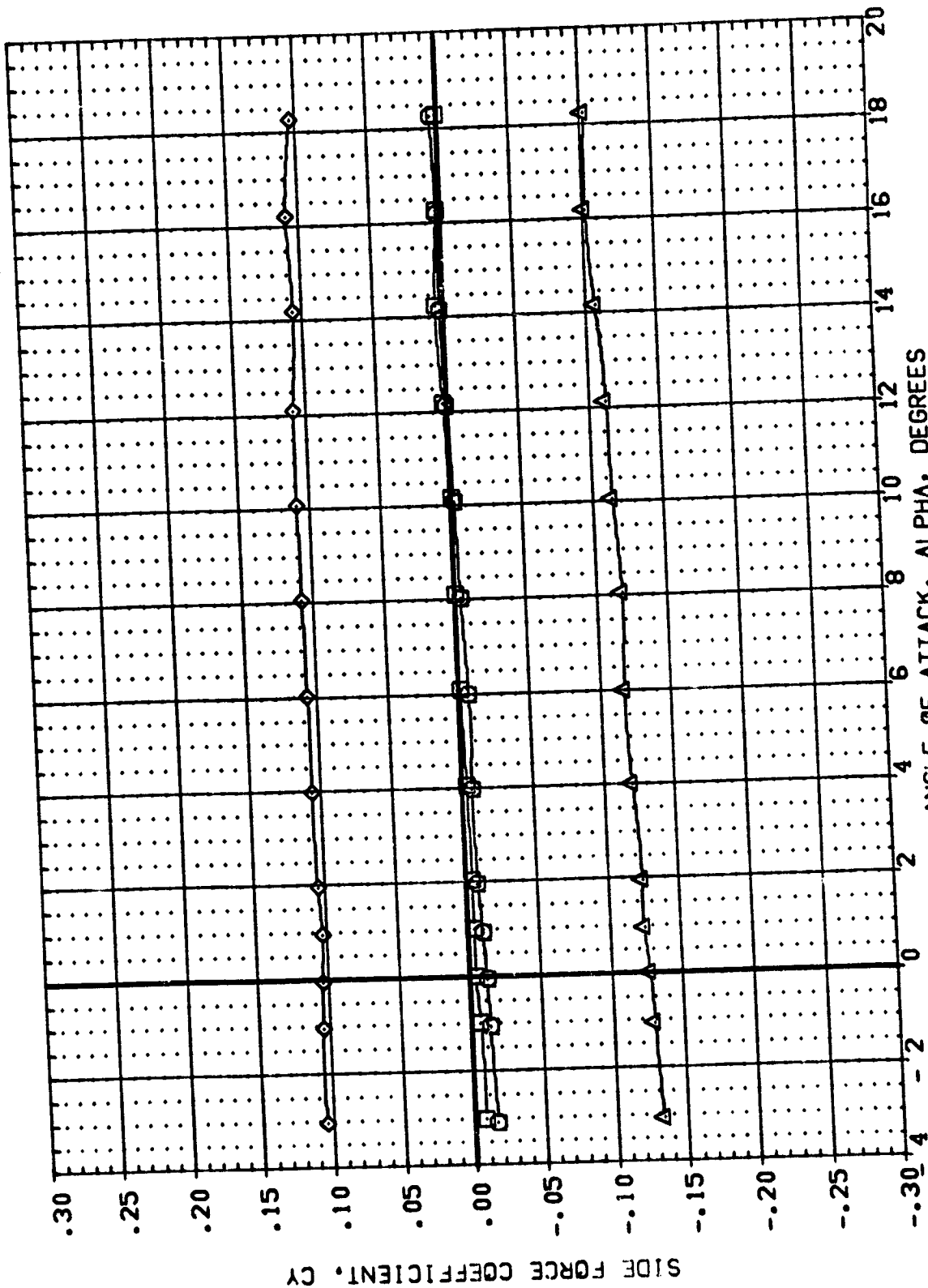
-18.000  
 -18.000  
 -18.000  
 -18.000

RUDDER

0.000  
 0.000  
 0.000  
 0.000

REFERENCE INFORMATION

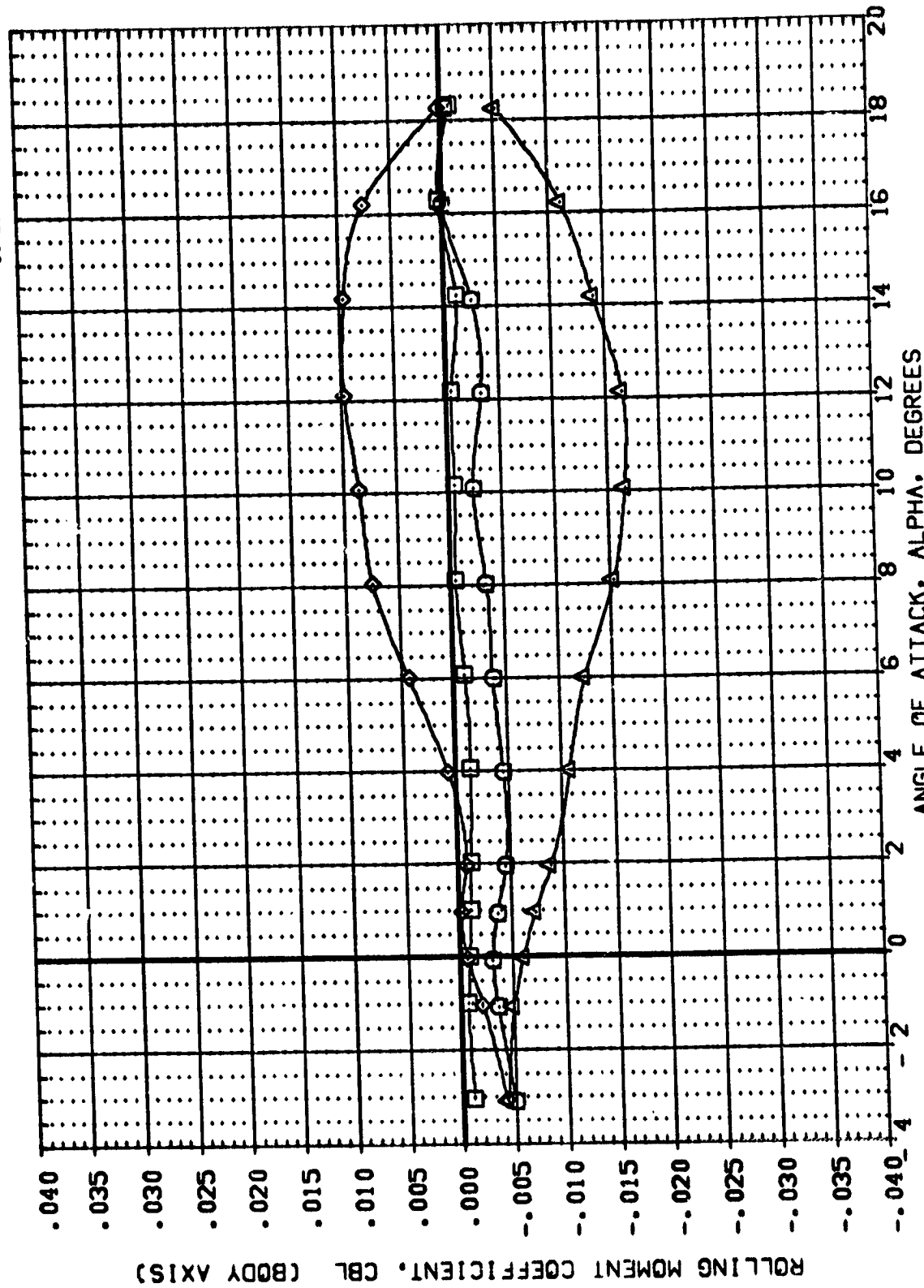
4.4119 59. FT.  
 19.2999 INCHES  
 37.9349 INCHES  
 43.5974 INCHES  
 0.0000 INCHES  
 16.2000 INCHES  
 0.0405 SCALE



ELEVON EFFECT ON LATERAL-DIRECTIONAL CHARACTERISTICS

(A)MACH = .16

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVON	B. FLAP	RUDDER	REFERENCE INFORMATION
(CDL174)	NR. 899.0405 ORB 61B10C5D7M2F1M07E10V5	0.000	-20.000	-16.000	0.000	SREF 4.4119 88. FT.
(CDL175)	NR. 899.0405 ORB 61B10C5D7M2F1M07E10V5	5.000	-20.000	-16.000	0.000	LREF 19.2999 INCHES
(CDL176)	NR. 899.0405 ORB 61B10C5D7M2F1M07E10V5	-5.000	-20.000	-16.000	0.000	BREF 37.9349 INCHES
(CDL005)	NR. 899.0405 ORB 61B10C5D7M2F1M07V5	0.000	0.000	-16.000	0.000	XMRP 49.9974 INCHES
						YMRP 0.0000 INCHES
						ZMRP 16.2000 INCHES
						SCALE 0.0403



# ELEVON EFFECT ON LATERAL-DIRECTIONAL CHARACTERISTICS

(M)MACH = .16

DATA SET SYMBOL      CONFIGURATION DESCRIPTION

(CDL174)      NR.699.0405 ORB 61810C5D7M2F1W87E18V5

(CDL175)      NR.699.0405 ORB 61810C5D7M2F1W87E18V5

(CDL176)      NR.699.0405 ORB 61810C5D7M2F1W87E18V5

(CDL005)      NR.699.0405 ORB 61810C5D7M2F1W87E18V5

BETA      ELEVON      D.FLAP      RUDDER

0.000      -20.000      -18.000      0.000

5.000      -20.000      -18.000      0.000

-5.000      -20.000      -18.000      0.000

0.000      0.000      -18.000      0.000

REFERENCE INFORMATION

4.4119      58.4119

19.2999      INCHES

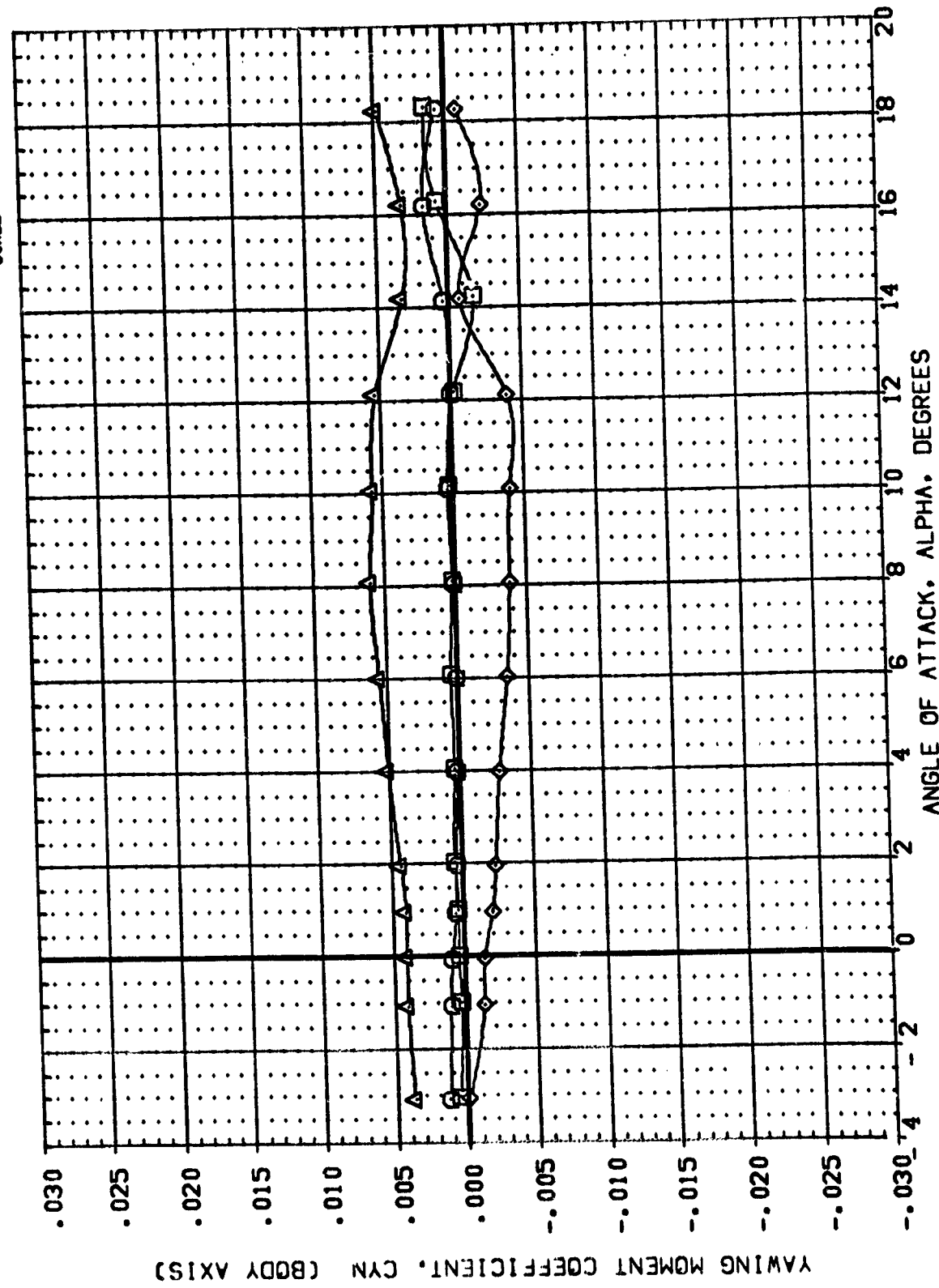
37.9349      INCHES

45.9974      INCHES

0.0000      INCHES

16.2000      INCHES

0.0405      SCALE



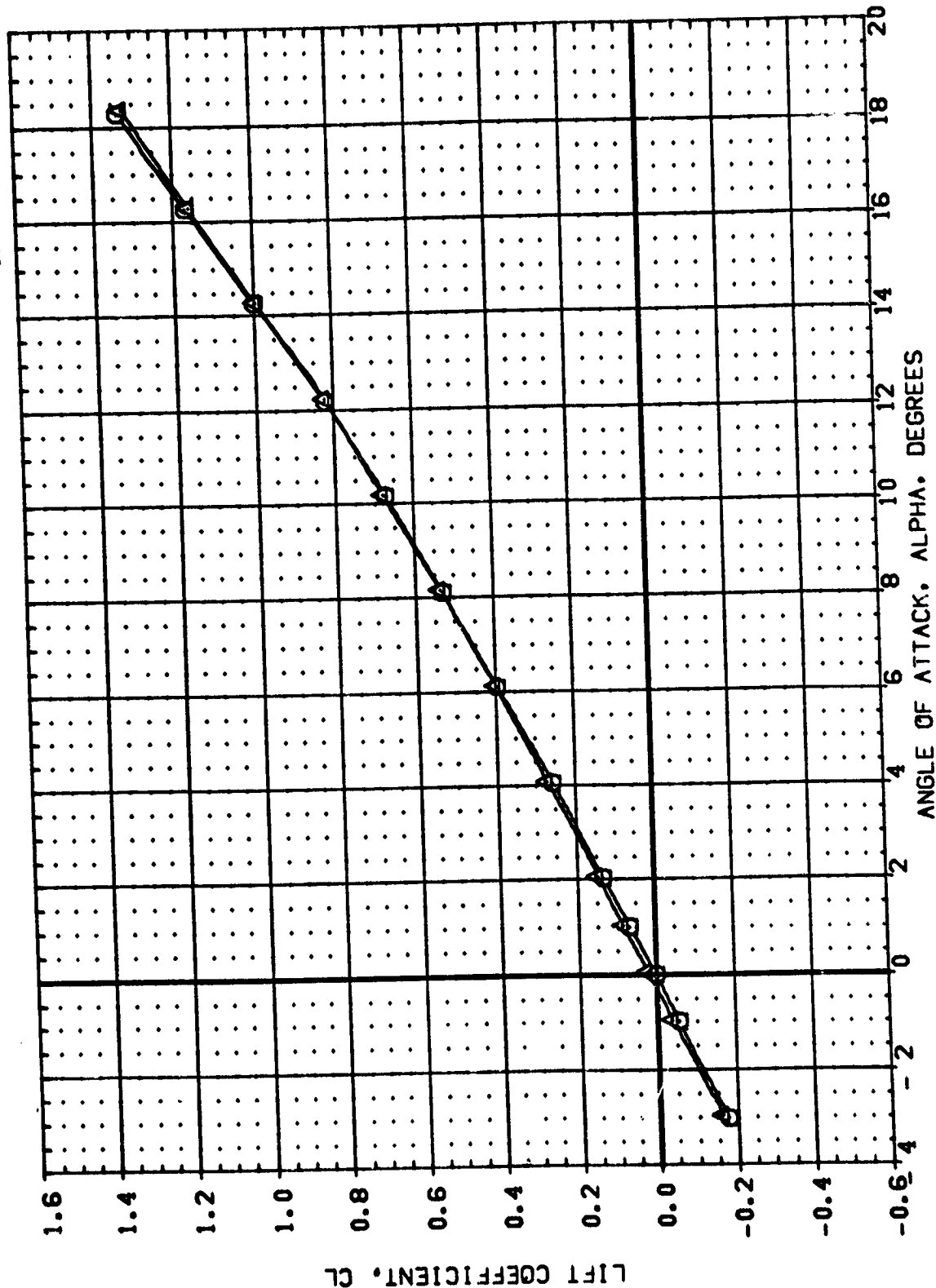
# ELEVON EFFECT ON LATERAL-DIRECTIONAL CHARACTERISTICS

(A)MACH = .16

DATA SET SYMBOL **Q** CONFIGURATION DESCRIPTION  
 (BDL003) NR.699.0405 ORB C1B10C5D7M2F1W7V5  
 (BDL005) NR.699.0405 ORB C1B10C5D7M2F1W7E18V5

ELEVON B.FLAP RUDDER RUOFLR  
 0.000 -18.000 0.000 40.000  
 0.000 -18.000 -15.000 40.000

REFERENCE INFORMATION  
 SREF 4.419 58.FT.  
 LREF 19.2999 INCHES  
 BREF 37.9349 INCHES  
 XMRP 43.5974 INCHES  
 YMRP 0.0000 INCHES  
 ZMRP 16.2000 INCHES  
 SCALE 0.0405

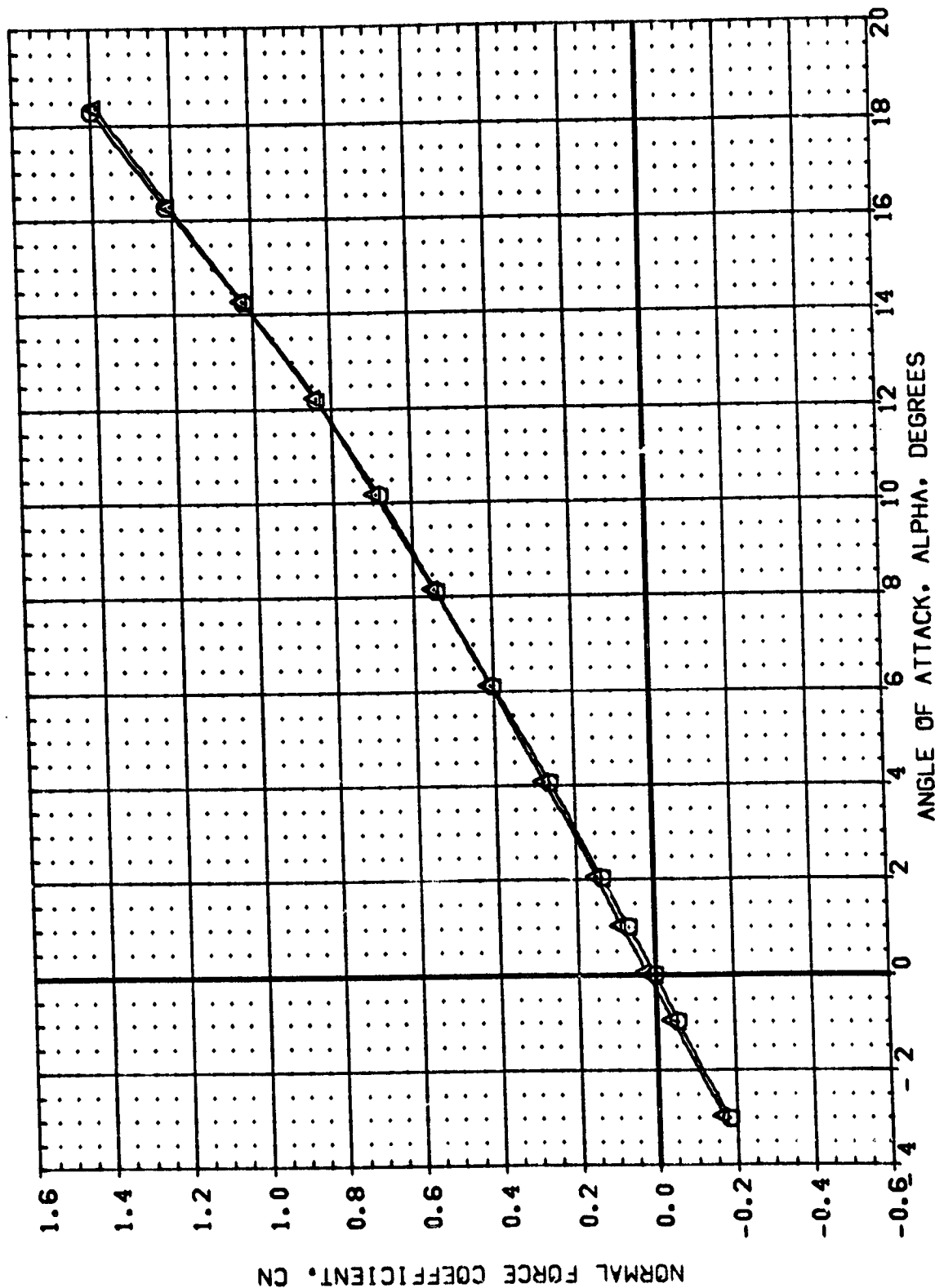


RUDDER EFFECTIVENESS  
 (A)MACH = .16

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (BDL005) Q NR.699.0405 ORB 61B10C5D7M2F1W7V5  
 (BDL005) NR.699.0405 ORB 61B10C5D7M2F1W7E10V5

ELEVON B.FLAP RUDDER RUDFLR  
 0.000 -18.000 0.000 40.000  
 0.000 -18.000 -15.000 40.000

REFERENCE INFORMATION  
 SREF 4.4119 SQ.FT.  
 LREF 19.2999 INCHES  
 BREF 37.9349 INCHES  
 XMRP 43.5974 INCHES  
 YMRP 0.0000 INCHES  
 ZMRP 16.5000 INCHES  
 SCALE 0.0405



RUDDER EFFECTIVENESS

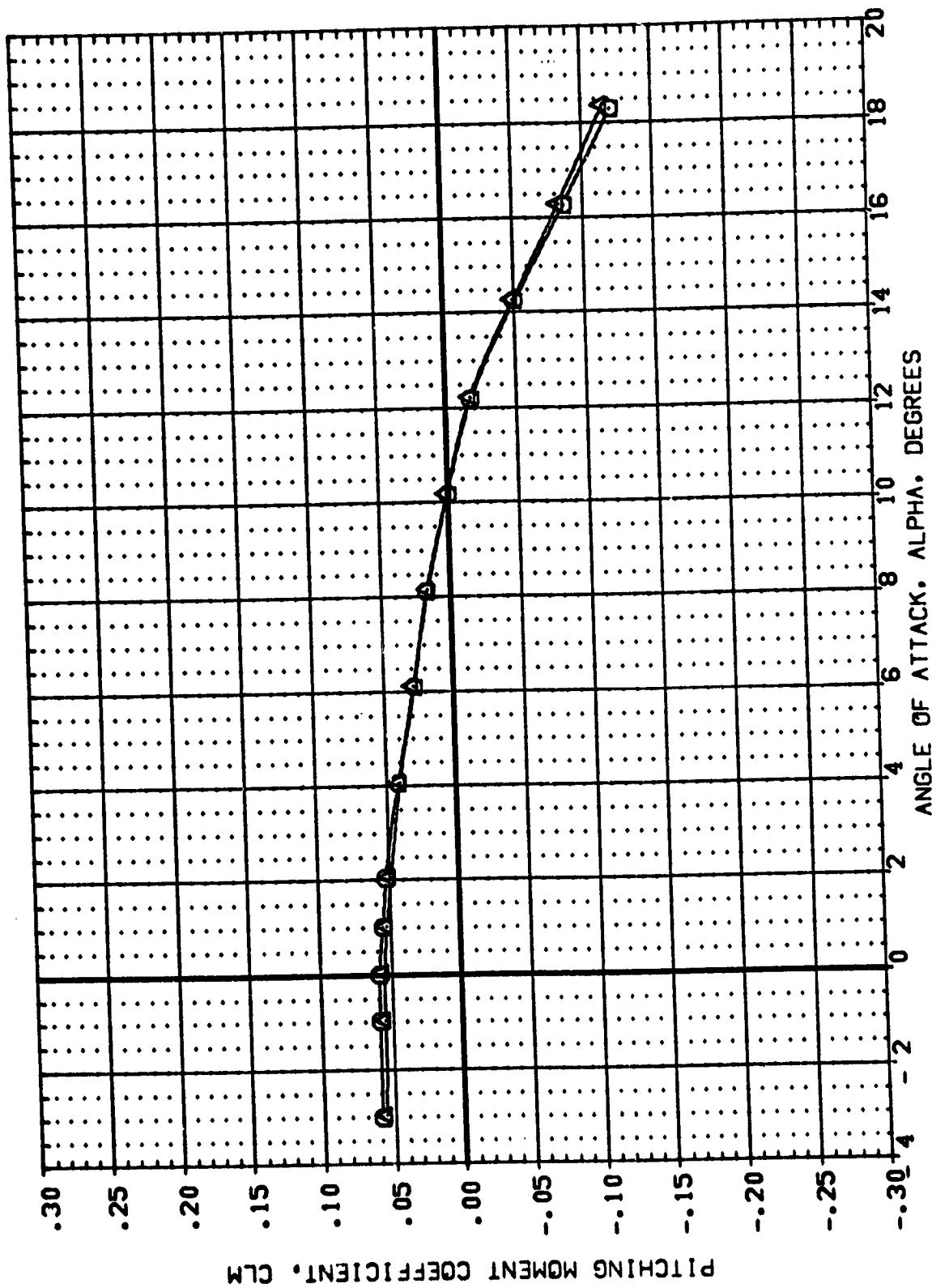
(A)MACH = .16

DATA SET SYMBOL  
(BOL005)  
(BOL005)

CONFIGURATION DESCRIPTION  
NR.099.0405 ORB 61B10C5D7M2F1M87V5  
NR.099.0405 ORB 61B10C5D7M2F1M87E18V5

ELEVON B. FLAP RUDDER RUOFLR  
0.000 -10.000 0.000 40.000  
0.000 -10.000 -15.000 40.000

REFERENCE INFORMATION  
SREF 4.4119 98. FT.  
LREF 10.2999 INCHES  
BREF 37.9349 INCHES  
XMRP 45.9974 INCHES  
YMRP 0.0000 INCHES  
ZMRP 16.2000 INCHES  
SCALE 0.0405

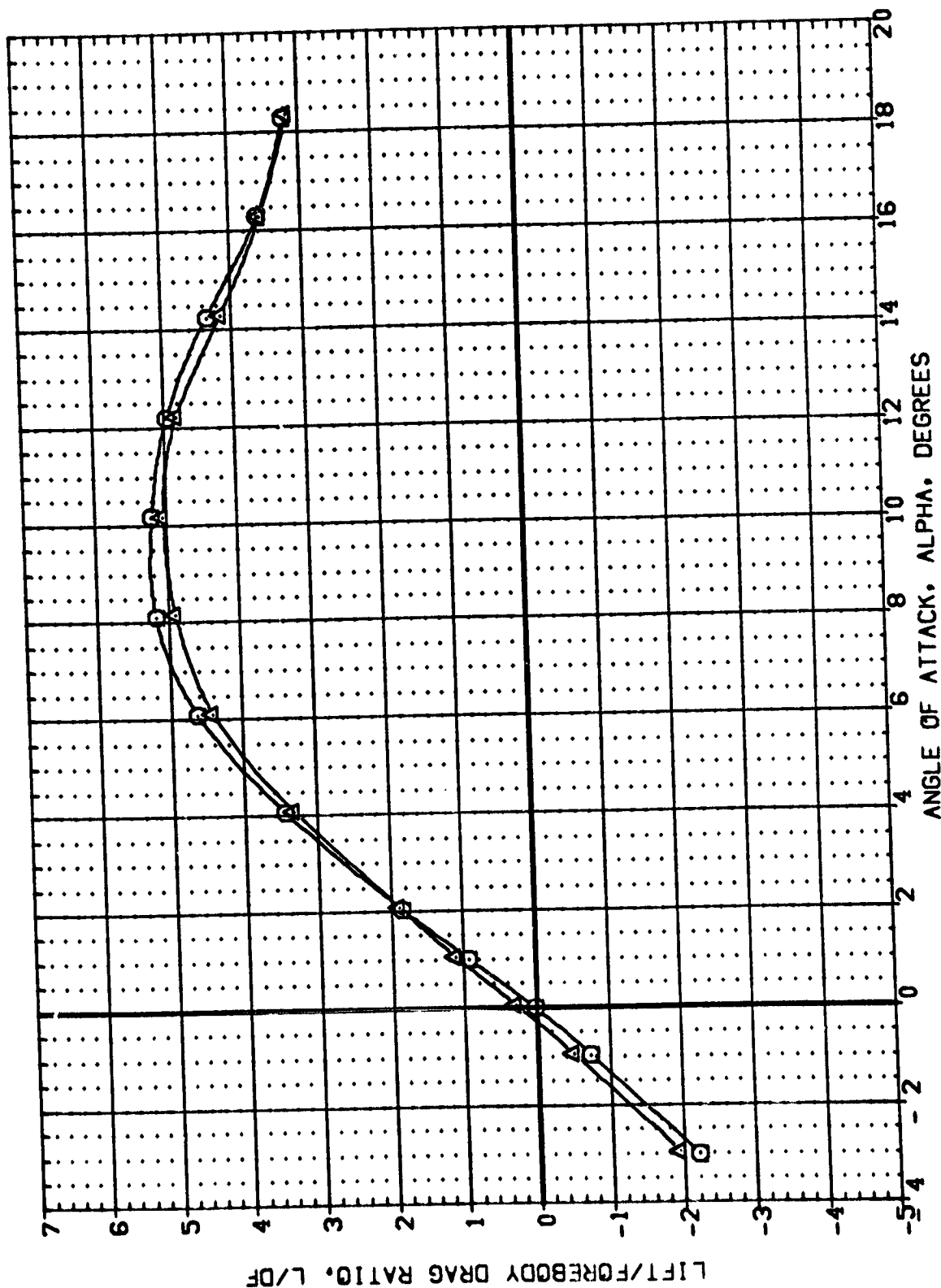


RUDDER EFFECTIVENESS  
(A)MACH = .16

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (BDL005)  $\Omega$  NR.899.0405 ORB 61B10C5D7M2F1W87V5  
 (BDL005) NR.899.0405 ORB 61B10C5D7M2F1W87E10V5

ELEVON B.FLAP RUDDER RUDFLR  
 0.000 -16.300 0.000 40.000  
 0.000 -16.000 -15.000 40.000

REFERENCE INFORMATION  
 SREF 4.4119 58.FT.  
 LREF 19.2999 INCHES  
 BREF 37.9349 INCHES  
 XMRP 45.5974 INCHES  
 YMRP 0.0000 INCHES  
 ZMRP 16.2000 INCHES  
 SCALE 0.0405



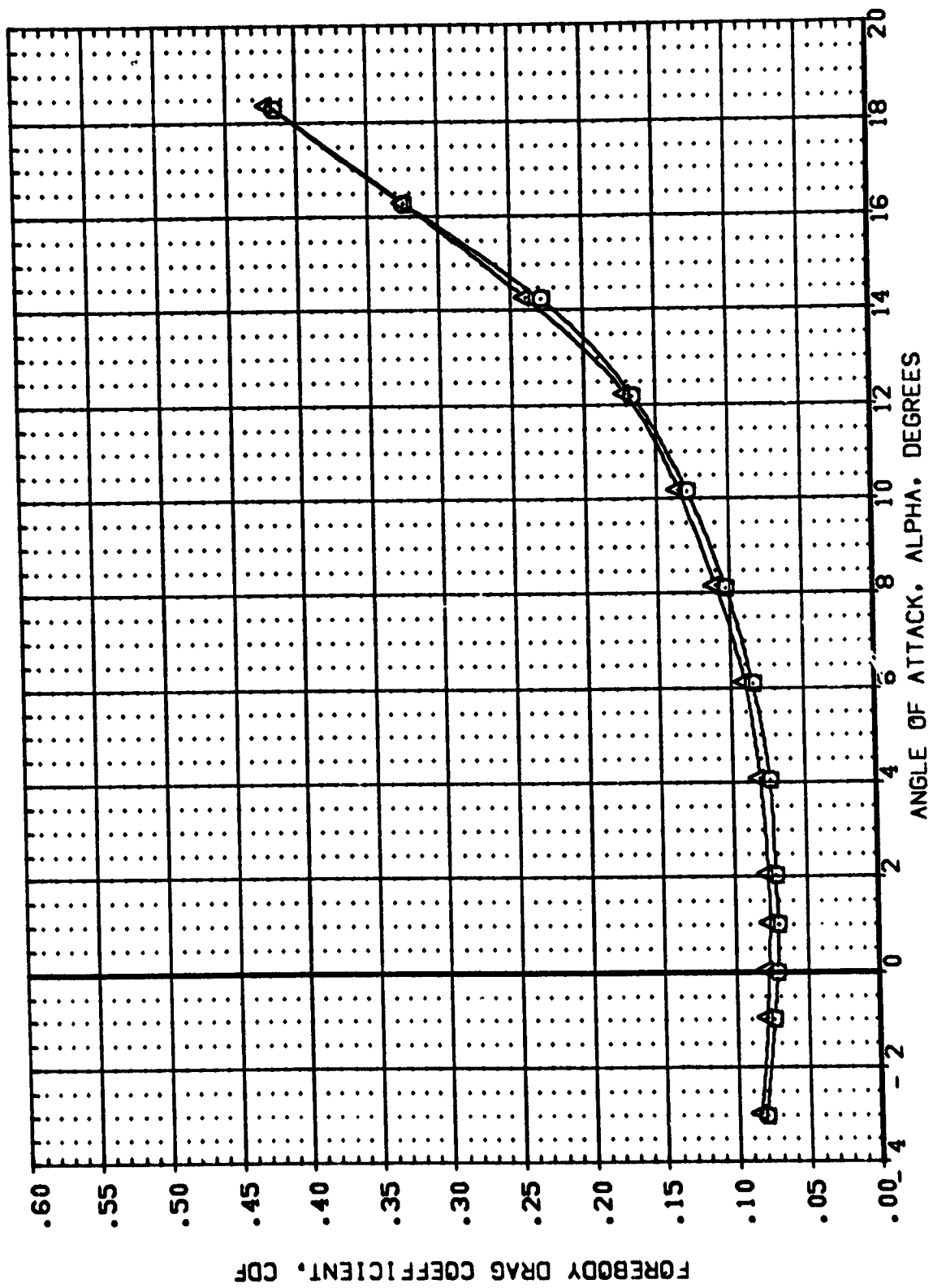
RUDDER EFFECTIVENESS

(A)MACH = .16

DATA SET SYMBOL NR. 099.0405 ORB 61B10C5D7NEF1U87V5  
 (BDL005) NR. 099.0405 ORB 61B10C5D7NEF1U87E18V5  
 (BDL005)

ELEVON 0.000 0.000 0.000 0.000 0.000 0.000  
 S. FLAP -10.000 -10.000 -10.000 -10.000 -10.000 -10.000  
 RUDDER 0.000 0.000 0.000 0.000 0.000 0.000  
 RUOFLR 40.000 40.000 40.000 40.000 40.000 40.000

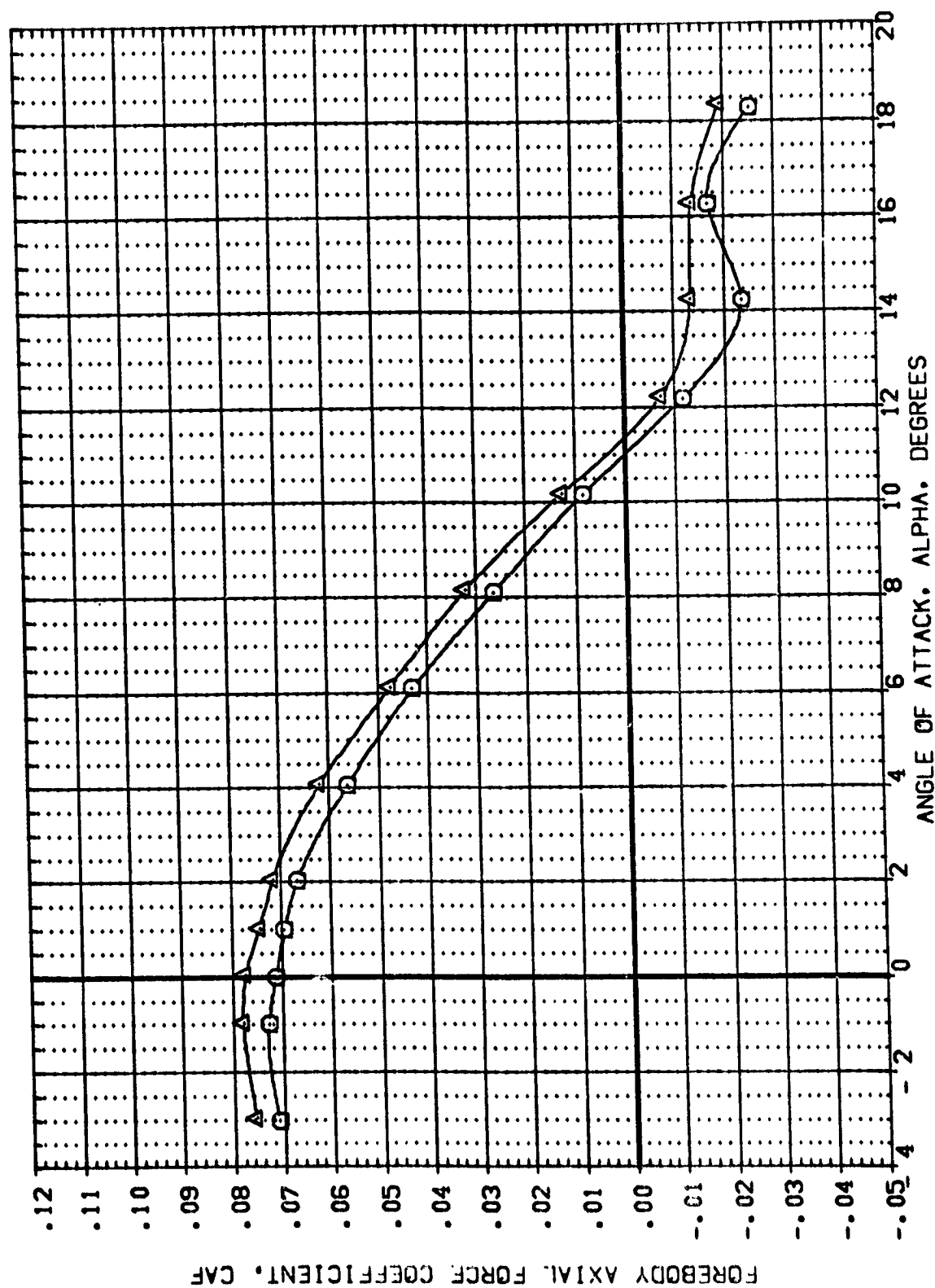
REFERENCE INFORMATION  
 SREF 4.4319 50.000  
 LREF 19.2999 INCHES  
 BREF 37.9349 INCHES  
 XMRP 43.9974 INCHES  
 YMRP 0.0000 INCHES  
 ZMRP 16.2000 INCHES  
 SCALE 0.0405



RUDDER EFFECTIVENESS  
 (A)MACH = .16



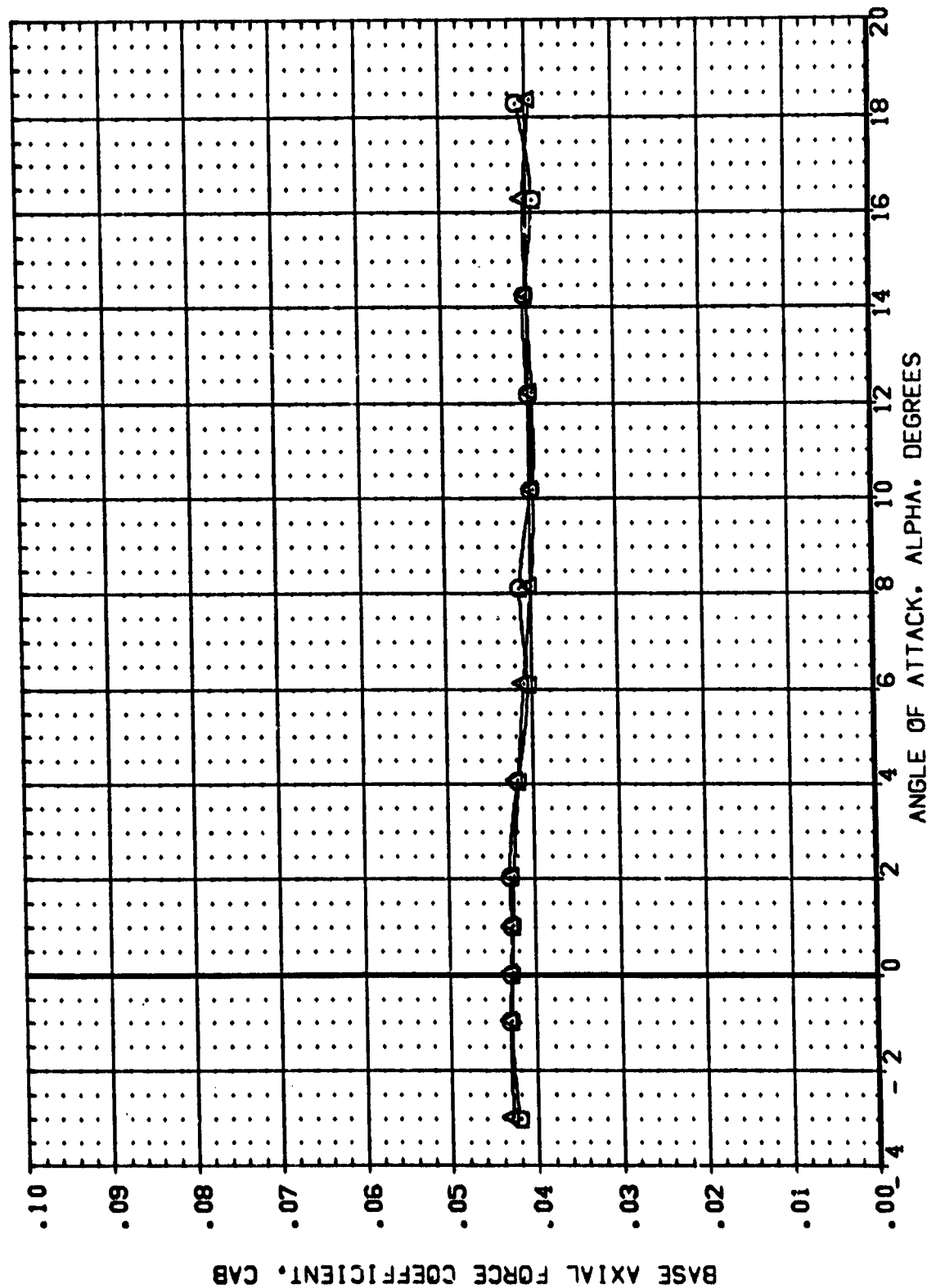
LEVELVON	B. FLAP	RUDDER	RUDFLR	REFERENCE INFORMATION
0.000	-18.000	0.000	40.000	9REF 4.4119
0.000	-18.000	-15.000	40.000	19.2999
				19.2999
				37.9349
				43.5974
				0.0000
				0.0000
				16.2000
				0.0405
				SCALE



## RUDDER EFFECTIVENESS

$$[A]_{MACH} = .16$$

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELEVON	B. FLAP	RUDDER	RUOFLR	REFERENCE INFORMATION
(BDL005)	MR. 699.0405 ORB G1B10C507M2F1W67V5	0.000	-18.000	0.000	40.000	SREF 4.4119 98.FT.
(BDL005)	MR. 699.0405 ORB G1B10C507M2F1W67E16V5	0.000	-18.000	-15.000	40.000	LREF 19.2999 INCHES
						BREF 37.9349 INCHES
						XMRP 43.5974 INCHES
						YMRP 0.0000 INCHES
						ZMRP 16.2000 INCHES
						SCALE 0.0405



RUDDER EFFECTIVENESS

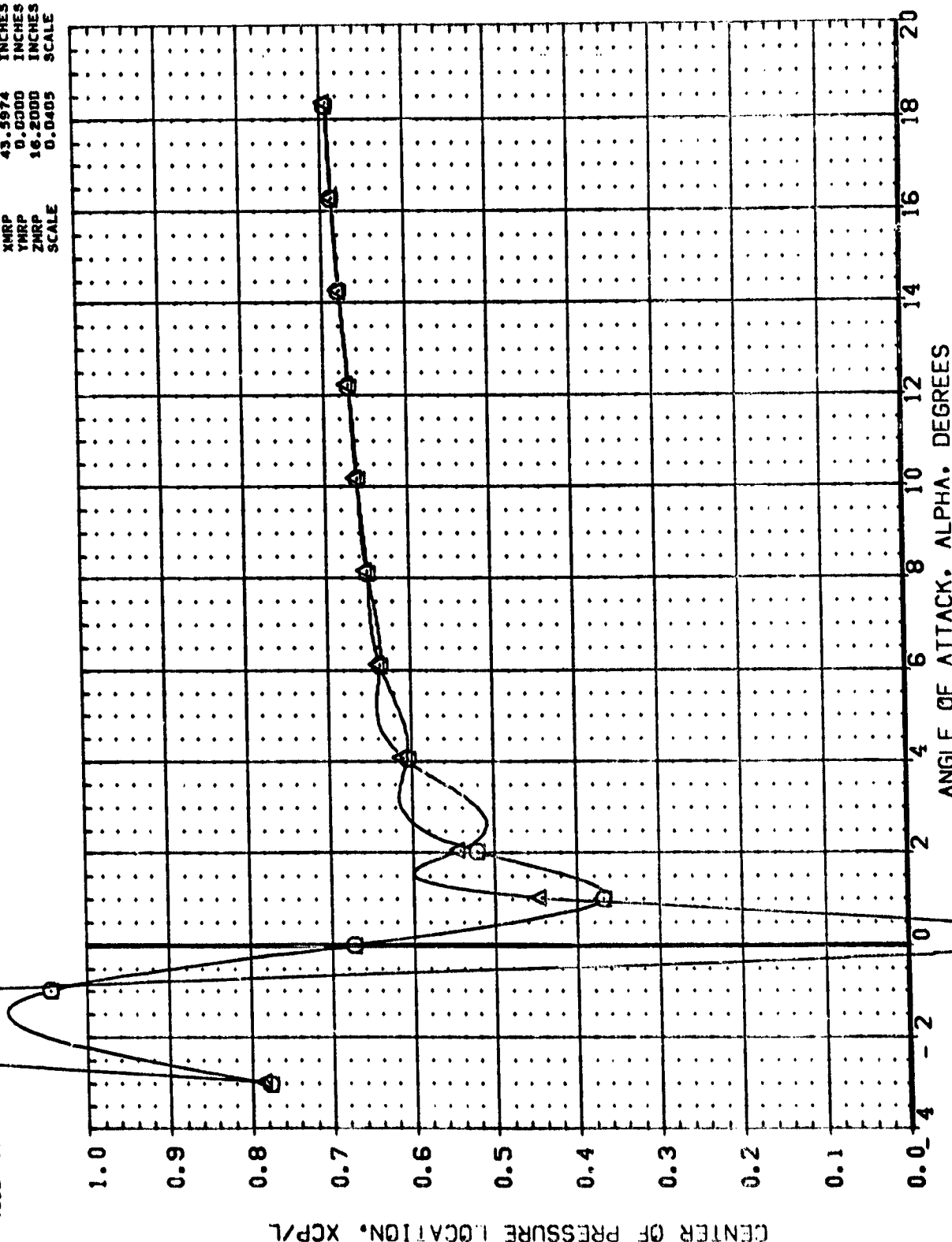
(A)MACH = .16

DATA SET SYMBOL (SDLCSS) (BDLGES)

ELEVON 0.000 0.000 0.000  
B-FLAP -18.000 -18.000 -15.000  
RUDDER 0.000 40.000 40.000  
RUDFLR 40.000 40.000 40.000

CONFIGURATION DESCRIPTION  
OR.699.0403 ORB 61810C3D7M2F1487V5  
OR.699.0403 ORB 61810C3D7M2F1487E18V3

REFERENCE INFORMATION  
SREF 4.4119 SQ.FT.  
LREF 19.2999 INCHES  
BREF 37.3349 INCHES  
XMRP 43.3974 INCHES  
YMRP 0.0000 INCHES  
ZMRP 16.2000 INCHES  
SCALE 0.0405

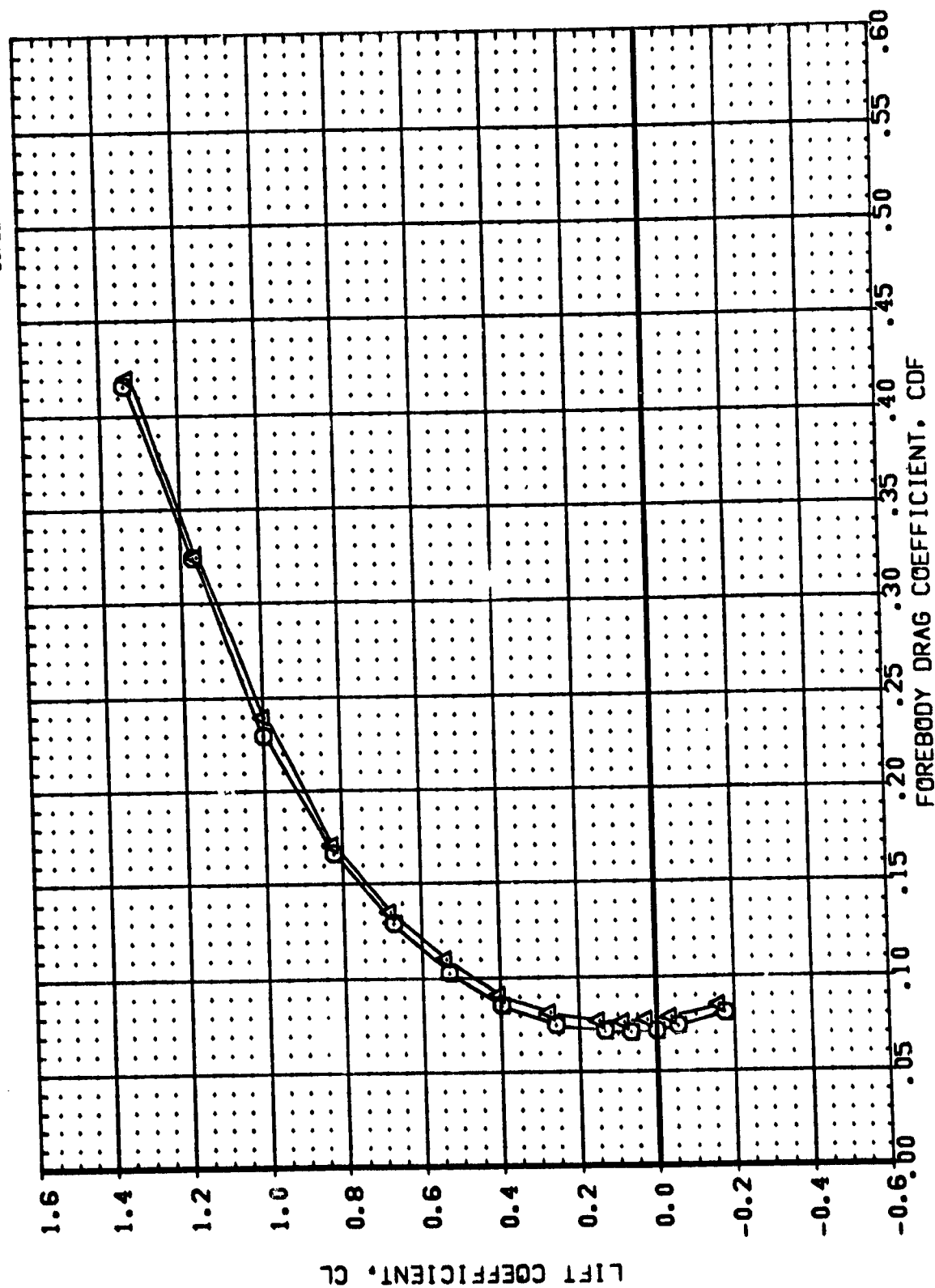


RUDDER EFFECTIVENESS

(A)MACH = .16


DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (80L005) NR.699.0405 ORB 61810CSD7MZF1M87V5  
 (80L005) NR.699.0405 ORB 61810CSD7MZF1M87E18V5

ELEVON 0.000 0.000 0.000 0.000 0.000 0.000  
 B-FLAP -16.000 -16.000 -16.000 -16.000 -16.000 -16.000  
 RUDDER 0.000 0.000 0.000 0.000 0.000 0.000  
 RUDDFLR 40.000 40.000 40.000 40.000 40.000 40.000  
 REFERENCE INFORMATION  
 LREF 4.4159 38.000 INCHES  
 BREF 19.2999 38.000 INCHES  
 XMRP 37.9349 38.000 INCHES  
 YMRP 43.5974 38.000 INCHES  
 ZMRP 0.0000 38.000 INCHES  
 SCALE 16.2000 38.000 INCHES  
 SCALE 0.0405 38.000 INCHES



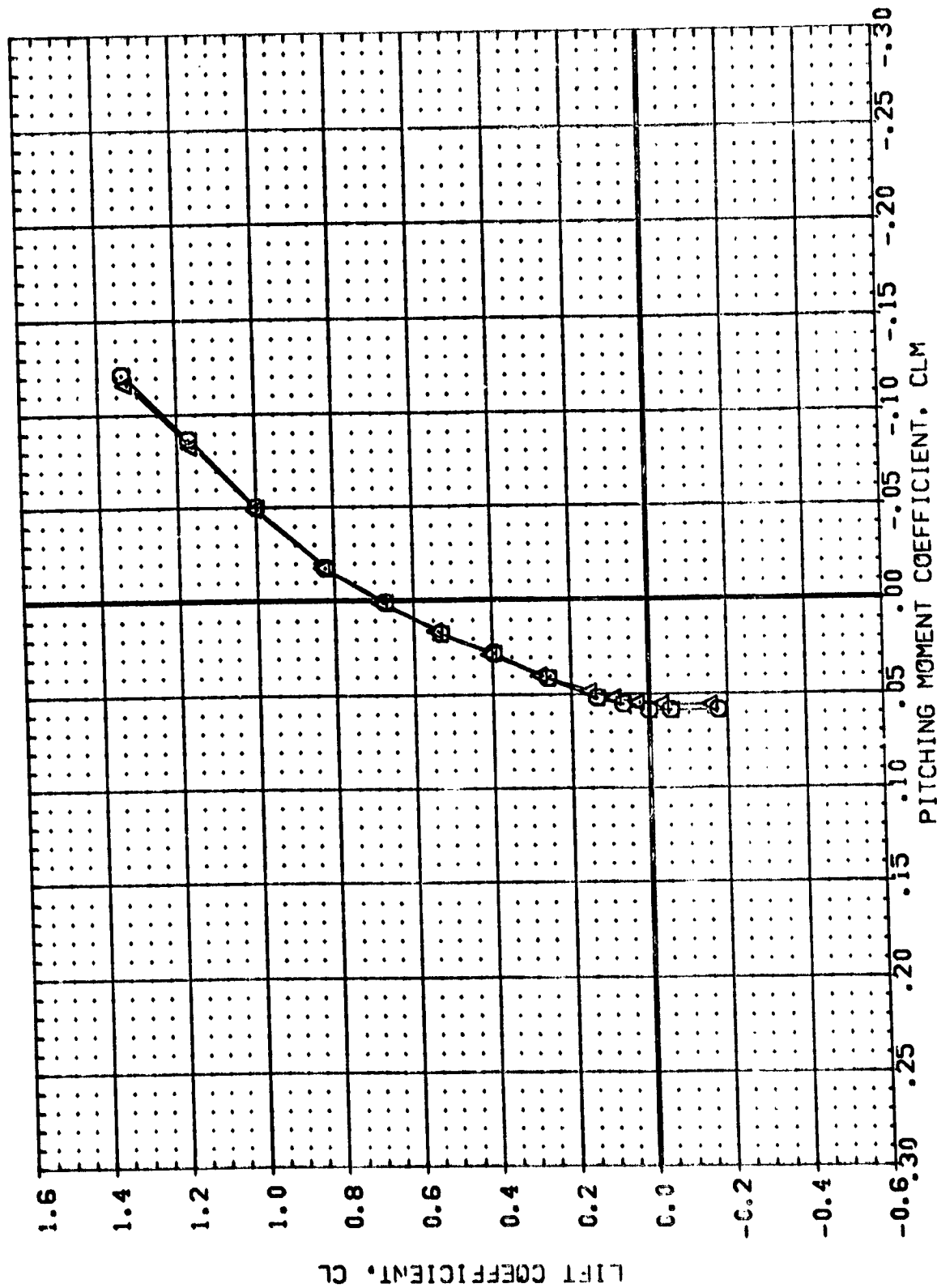
RUDDER EFFECTIVENESS

(A)MACH = .16

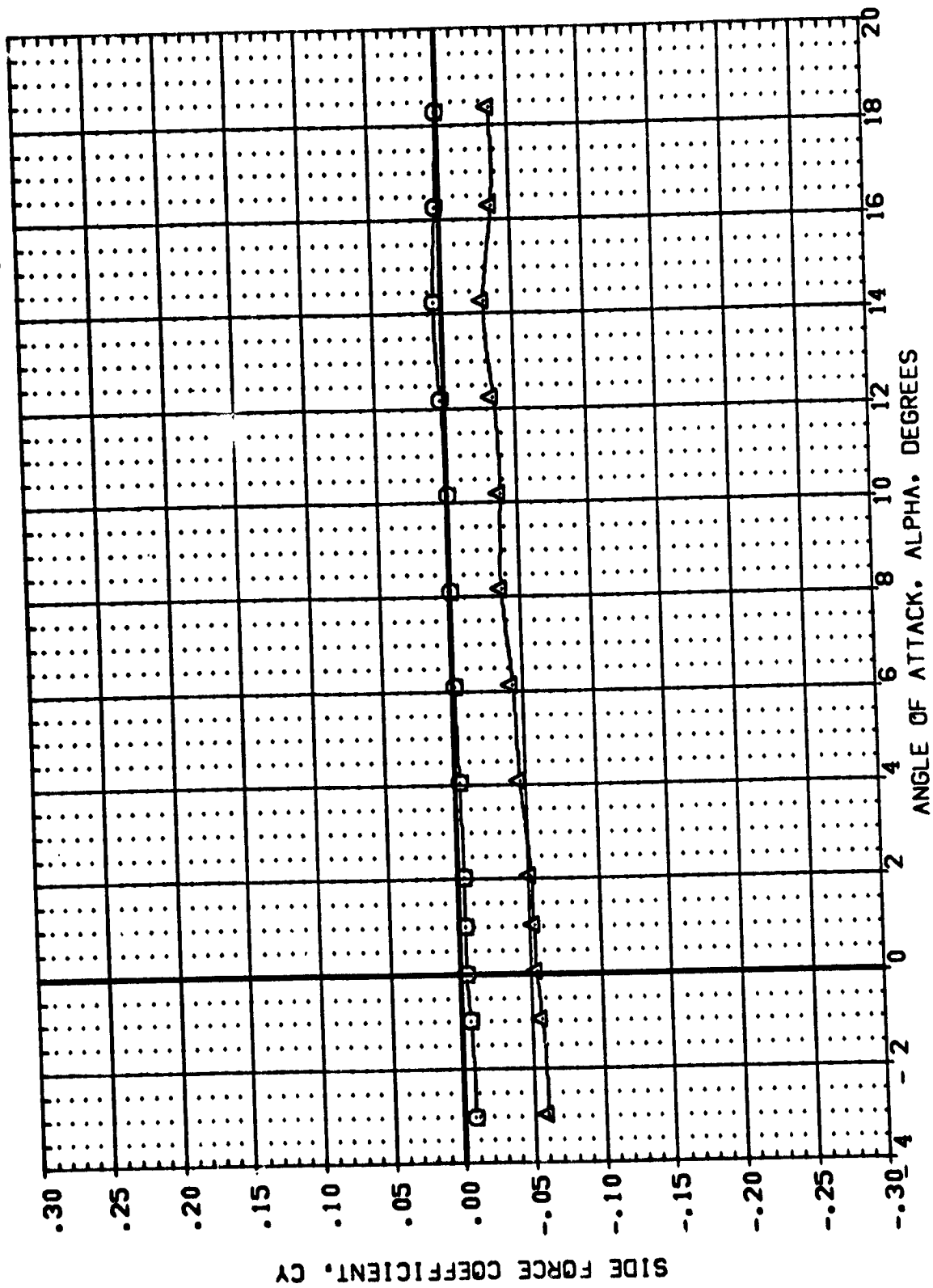
DATA SET SYMBOL  CONFIGURATION DESCRIPTION  
 (BGL035) NR.699.CA05 ORB G1B10C5D7M2F1W37V5  
 (BGL035) NR.699.CA05 ORB G1B10C5D7M2F1W37E18V5

ELEVON 9-FLAP RUDDER RUDFLR  
 0.000 -18.000 0.000 40.000  
 0.000 -18.000 -15.000 40.000

REFERENCE INFORMATION  
 SREF 4.4119 59.71  
 LREF 19.2999 INCHES  
 BREF 37.9349 INCHES  
 XMRP 43.5974 INCHES  
 YMRP 0.0000 INCHES  
 ZMRP 16.2000 INCHES  
 SCALE 0.0405



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVON	S. FLAP	RUDDER	REFERENCE INFORMATION
(COL005)	MR. 699.0405 ORB 61810C5D7M2F1M5T7V5	0.000	0.000	-10.000	0.000	REF 4.4119 98. FT. INCHES
(COL085)	MR. 699.0405 ORB 61810C5D7M2F1M5T7E10V5	0.000	0.000	-10.000	-15.000	LREF 19.2999 INCHES
						BREF 37.9349 INCHES
						YMRP 43.5974 INCHES
						ZMRP 0.0000 INCHES
						SCALE 16.2000 INCHES
						SCALE 0.0405



RUDDER EFFECTIVENESS

(A)MACH = .16

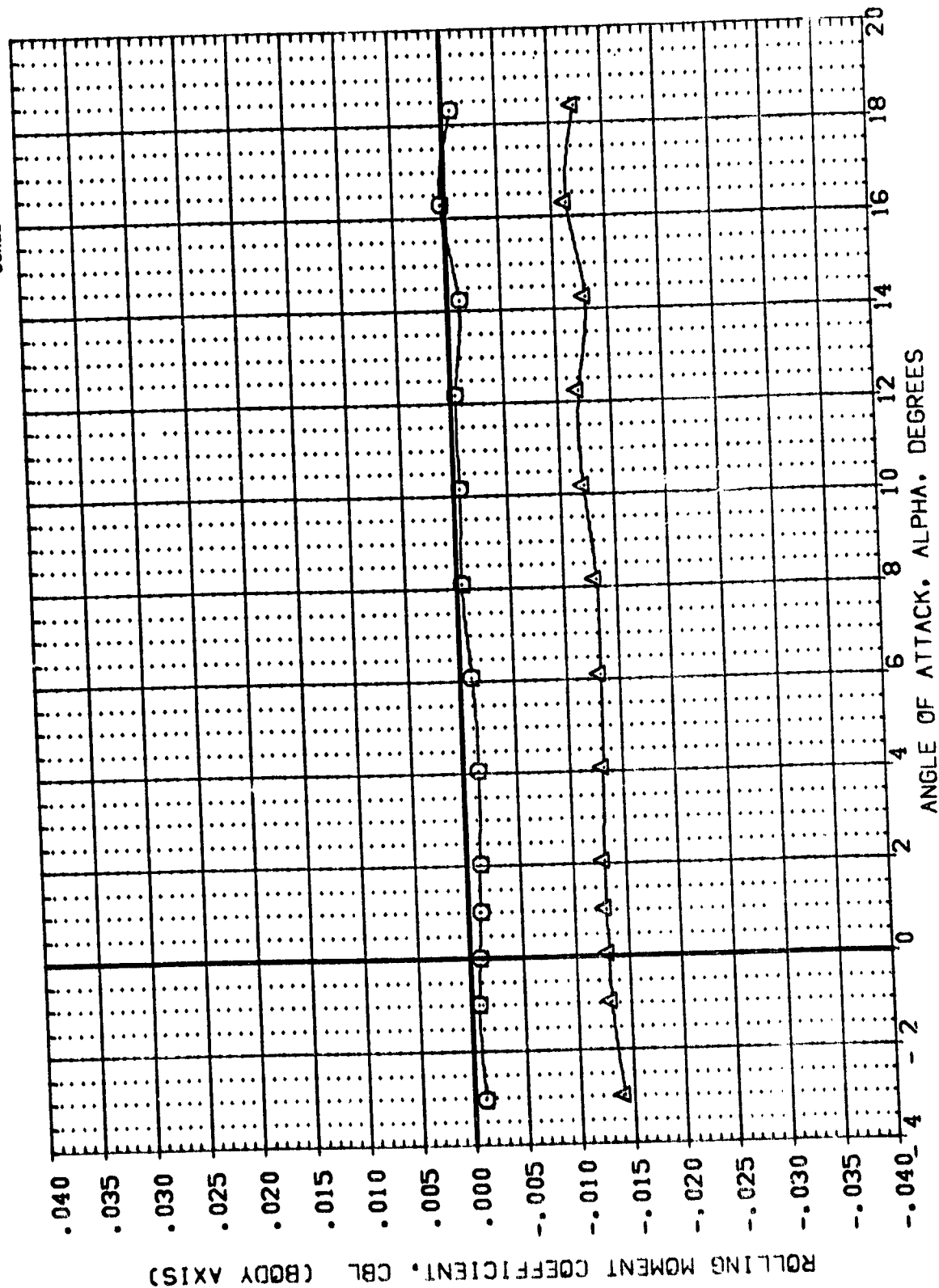
DATA SET SYMBOL NR. 699.0405 ORB 61810C5D7M2F1A07V5  
(COL005) NR. 699.0405 ORB 61810C5D7M2F1A07E18V5  
(COL005)

CONFIGURATION DESCRIPTION

BETA 0.000 0.000 0.000  
ELEVON 0.000 0.000 0.000  
B. FLAP -18.000 -18.000 -15.000  
RUDDER 0.000 0.000 0.000

REFERENCE INFORMATION

SREF 4.4119 52. FT.  
LREF 19.2999 INCHES  
BREF 37.9349 INCHES  
XMRP 43.9974 INCHES  
YMRP 0.0000 INCHES  
ZMRP 16.2000 INCHES  
SCALE 0.0405



RUDDER EFFECTIVENESS

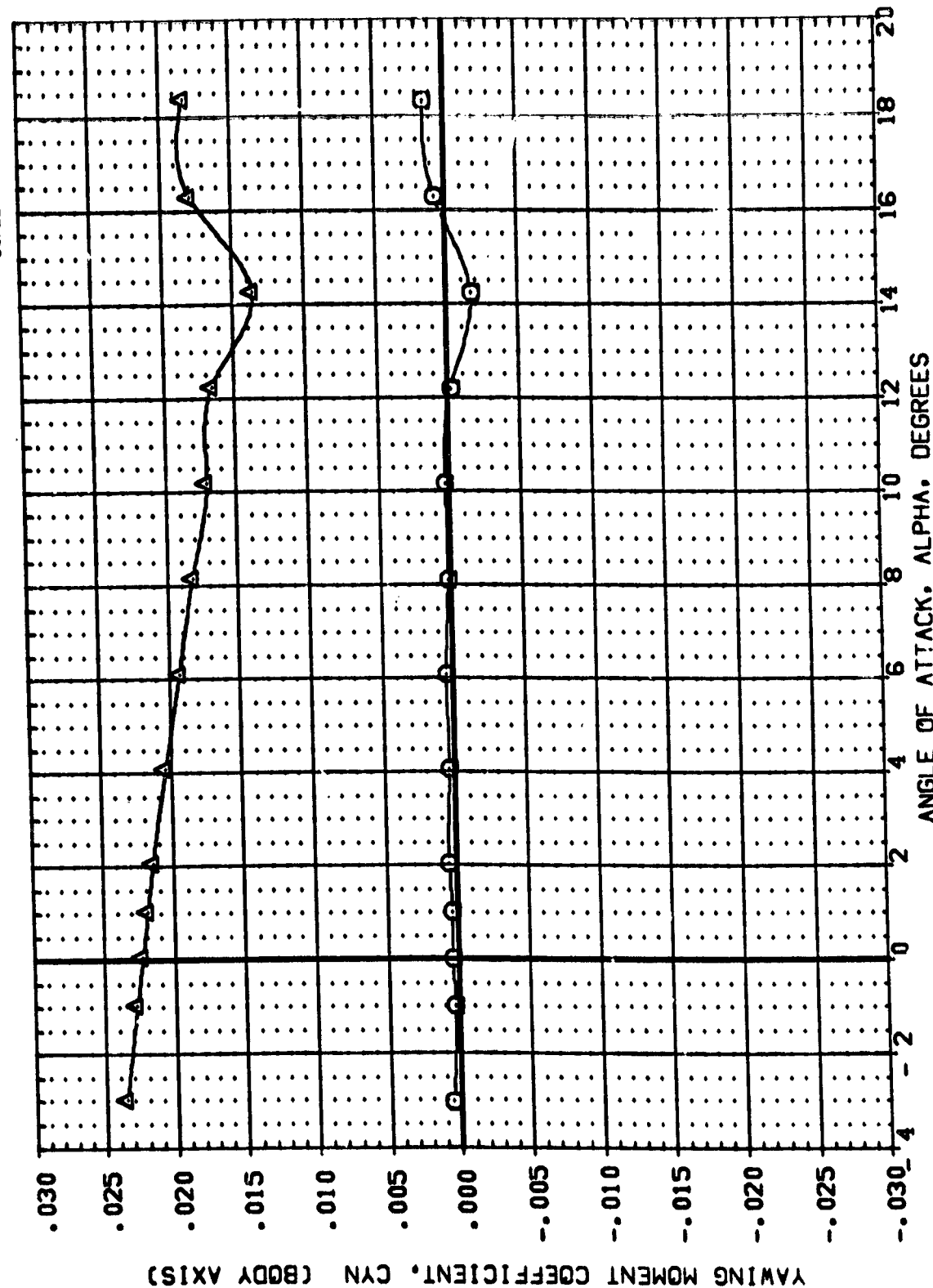
(A)MACH = .16

DATA SET SYMBOL    CONFIGURATION DESCR.  
 (CPL005)     $\Delta$     NR. 699.0405 ORB 61a11  
 (CPL005)     $\Delta$     NR. 699.0405 ORB 61B11

BETA    ELEVON    B. FLAP    RUDDER  
 0.000    0.000    -16.000    0.000  
 0.000    0.000    -16.000    -15.000

AVS

REFERENCE INFORMATION  
 4.4119    58. FT.  
 19.2399    INCHES  
 37.9349    INCHES  
 43.9974    INCHES  
 0.0000    INCHES  
 16.2030    INCHES  
 0.0405    SCALE



RUDDER EFFECTIVENESS

(A)MACH = .16



DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (CDL005) NR.699.0405 ORB 61810C5D7M2F1W87V5  
 (CDL007) NR.699.0405 ORB 61810C5D7M2F1W87V5  
 (CDL008) NR.699.0405 ORB 61810C5D7M2F1W87V5  
 (CDL007) NR.699.0405 ORB 61810C5D7M2F1W87V5  
 (CDL008) NR.699.0405 ORB 61810C5D7M2F1W87V5  
 (CDL009) NR.699.0405 ORB 61810C5D7M2F1W87V5

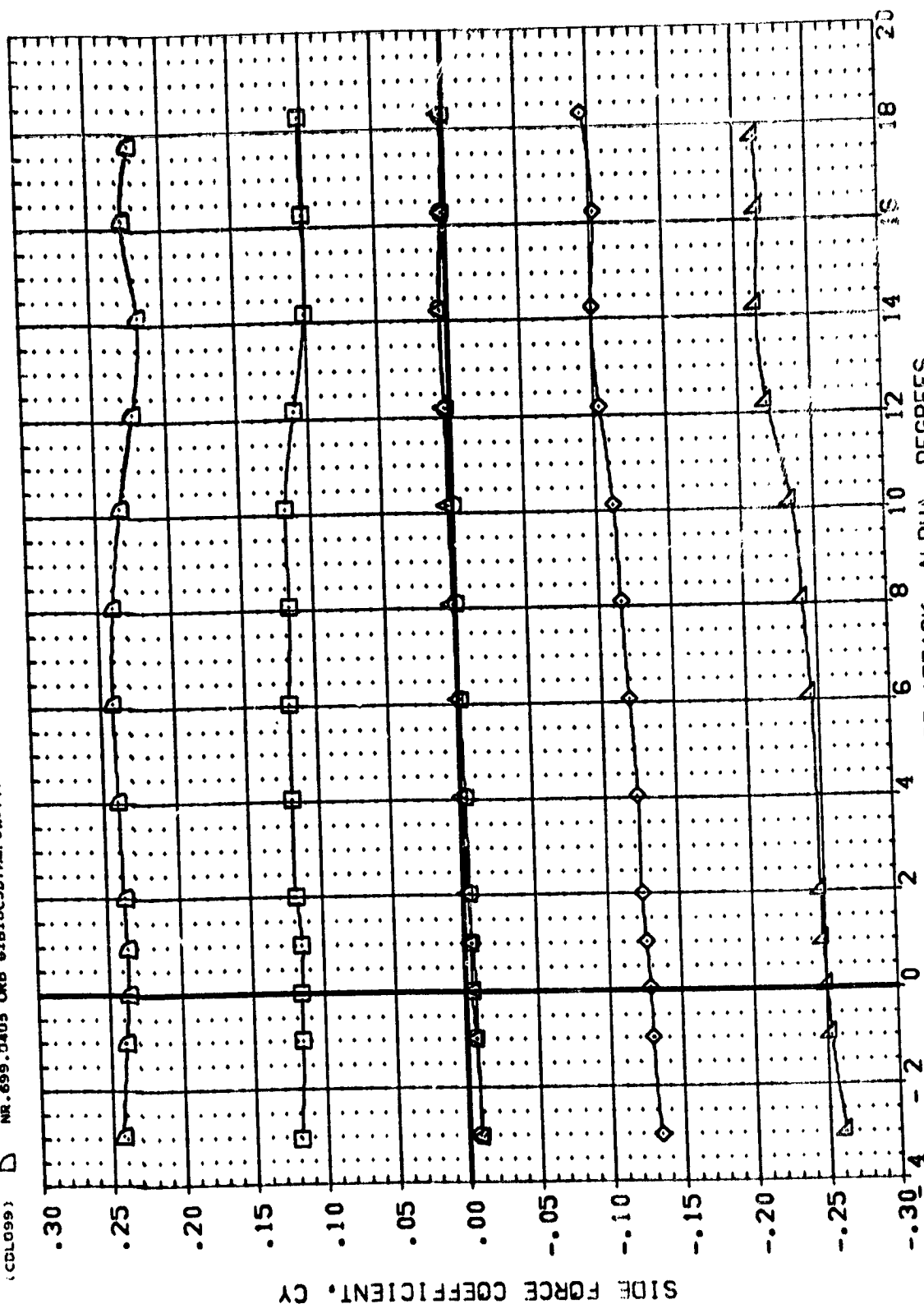
BETA  
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 0.000  
 0.000  
 5.000  
 -5.000  
 10.000  
 -10.000

ELEVON  
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 0.000  
 0.000  
 0.000  
 0.000  
 0.000  
 0.000

B. FLAP  
 -18.000  
 -18.000  
 -18.000  
 -18.000  
 -18.000  
 -18.000  
 -18.000

RUDDER  
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 0.000  
 0.000  
 0.000  
 0.000

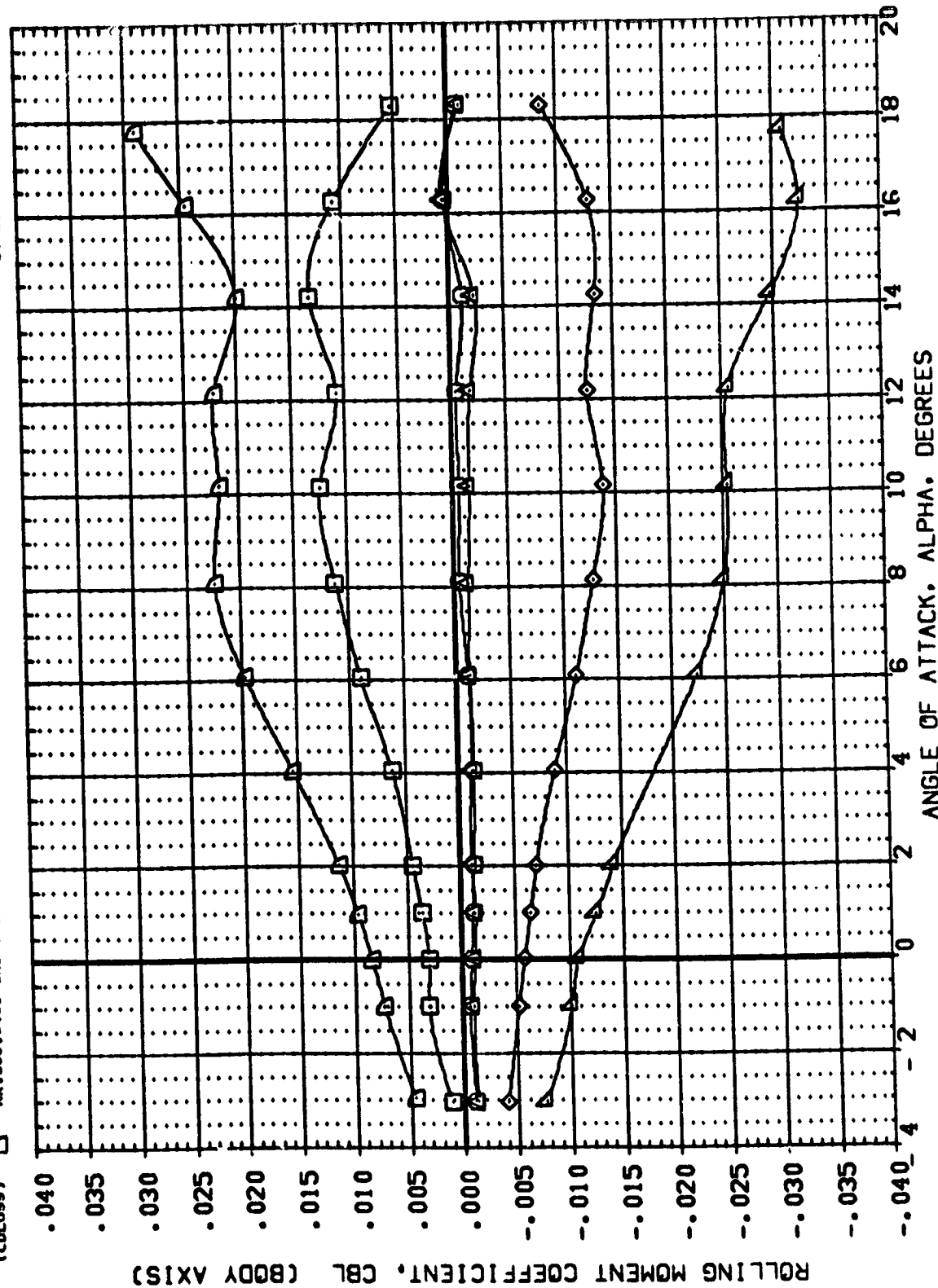
REFERENCE INFORMATION  
 SREF 4.4119 INCHES  
 LREF 15.2999 INCHES  
 BREF 37.9349 INCHES  
 YMRP 43.5974 INCHES  
 YMRP 0.0000 INCHES  
 ZMRP 16.2000 INCHES  
 SCALE 0.0405 SCALE



# BASIC CONFIGURATION LATERAL-DIRECTIONAL CHARACTERISTICS

(A)MACH = .16

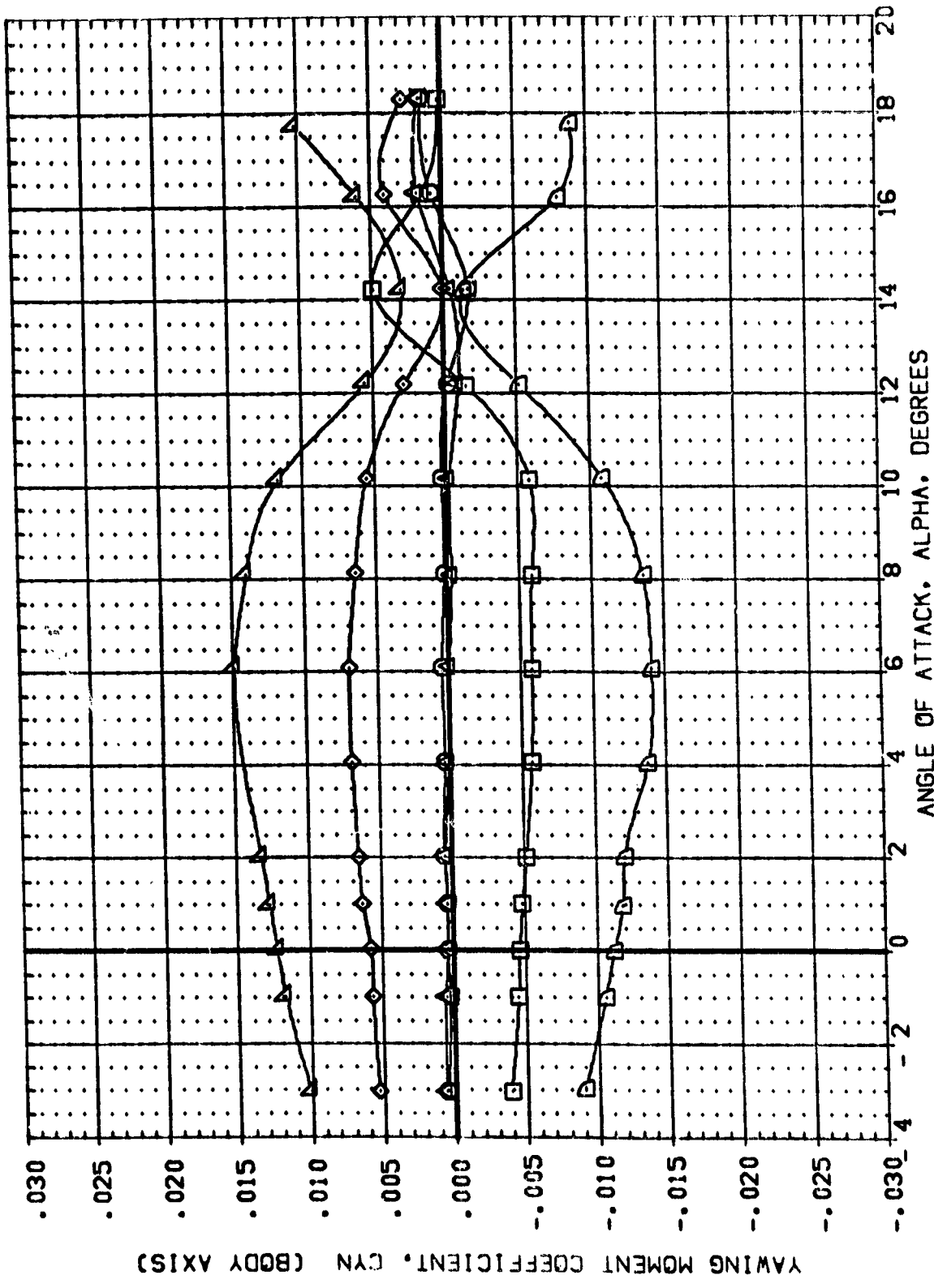
DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVON	B. FLAP	RUDDER	REFERENCE INFORMATION
(CDL003)	NR. 699.0405 ORB 61810C507M2F1M87V5	0.000	0.000	-18.000	0.000	4.4119 58. FT.
(CDL097)	NR. 699.0405 ORB 61810C507M2F1M87V5	0.000	0.000	-18.000	0.000	19.2999 INCHES
(CDL004)	NR. 699.0405 ORB 61810C507M2F1M87V5	5.000	0.000	-18.000	0.000	37.9348 INCHES
(CDL007)	NR. 699.0405 ORB 61810C507M2F1M87V5	-5.000	0.000	-18.000	0.000	43.5974 INCHES
(CDL098)	NR. 699.0405 ORB 61810C507M2F1M87V5	10.000	0.000	-18.000	0.000	0.0000 INCHES
(CDL099)	NR. 699.0405 ORB 61810C507M2F1M87V5	-10.000	0.000	-18.000	0.000	18.2300 INCHES
						0.0405 SCALE



# BASIC CONFIGURATION LATERAL-DIRECTIONAL CHARACTERISTICS

(A)MACH = .16

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	BETA	ELEVON	B-FLAP	RUDDER	REFERENCE INFORMATION
(CDL005)	NR.699.0405 ORB G1B10C5D7M2F1W87V5	0.000	0.000	-16.000	0.000	4.4119 32.4119
(CDL007)	NR.699.0405 ORB G1B10C5D7M2F1W87V5	0.000	0.000	-16.000	0.000	19.2939 19.2939
(CDL006)	NR.699.0405 ORB G1B10C5D7M2F1W87V5	5.000	0.000	-16.000	0.000	37.9349 37.9349
(CDL007)	NR.699.0405 ORB G1B10C5D7M2F1W87V5	-5.000	0.000	-16.000	0.000	43.5974 43.5974
(CDL008)	NR.699.0405 ORB G1B10C5D7M2F1W87V5	10.000	0.000	-16.000	0.000	0.0000 0.0000
(CDL009)	NR.699.0405 ORB G1B10C5D7M2F1W87V5	-10.000	0.000	-16.000	0.000	16.2000 16.2000
						0.0405 0.0405
						SCALE



BASIC CONFIGURATION LATERAL-DIRECTIONAL CHARACTERISTICS

(A)MACH = .16



310C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

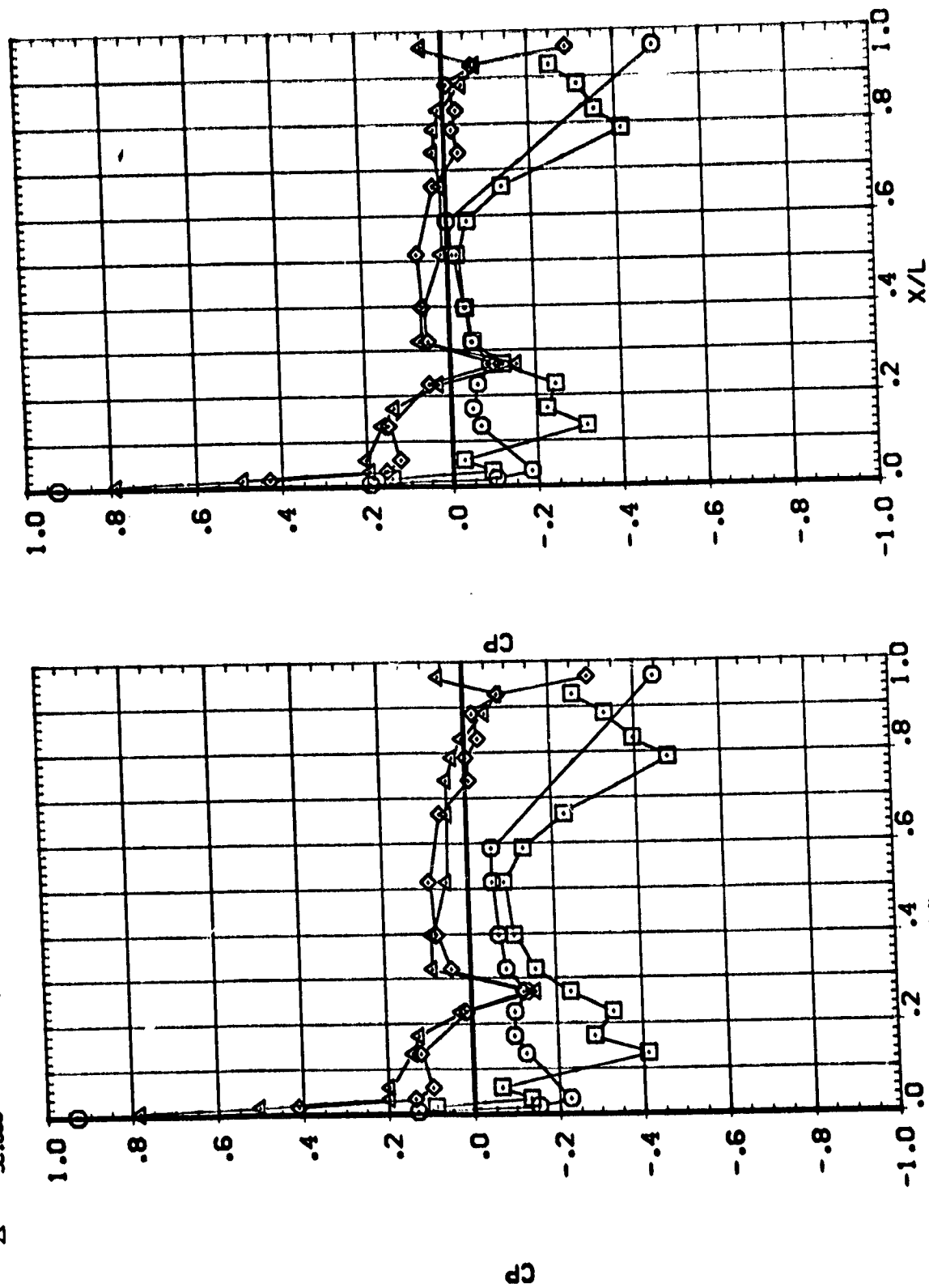
SYMBOL  
 PH1  
 .000  
 40.000  
 70.000  
 90.000

ALPHA  
 -3.040  
 -1.020

BETA  
 -10.050

(RDLB01)

PARAMETRIC VALUES  
 ELEVTR .000  
 RUDDER .000  
 FLAP -10.000



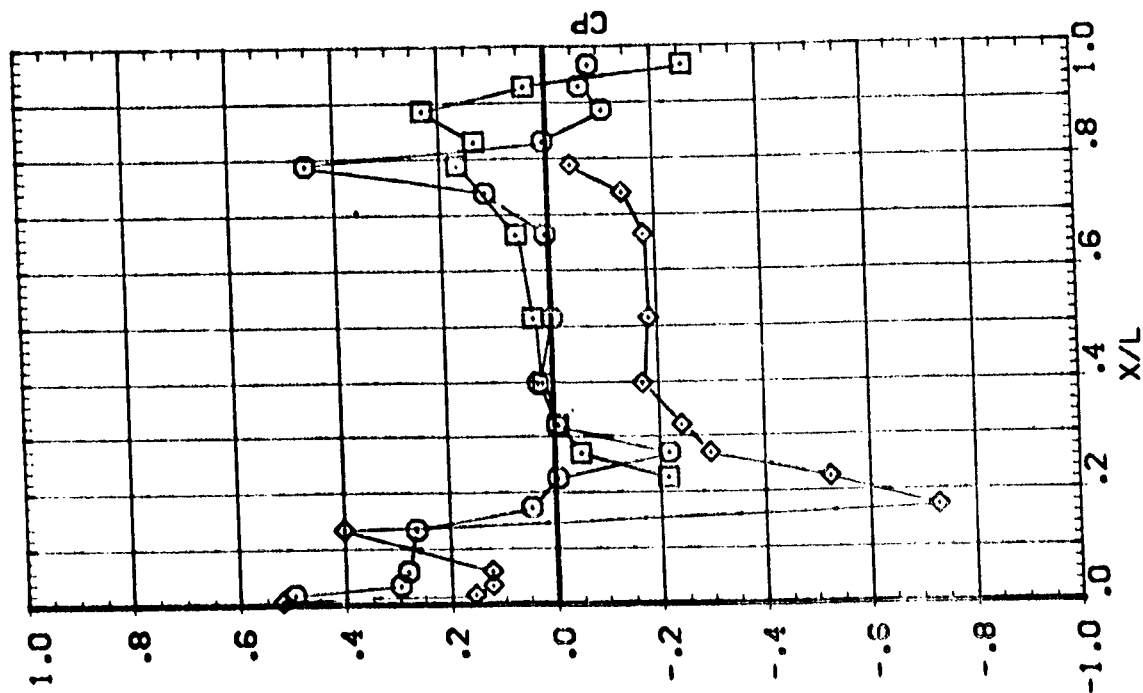
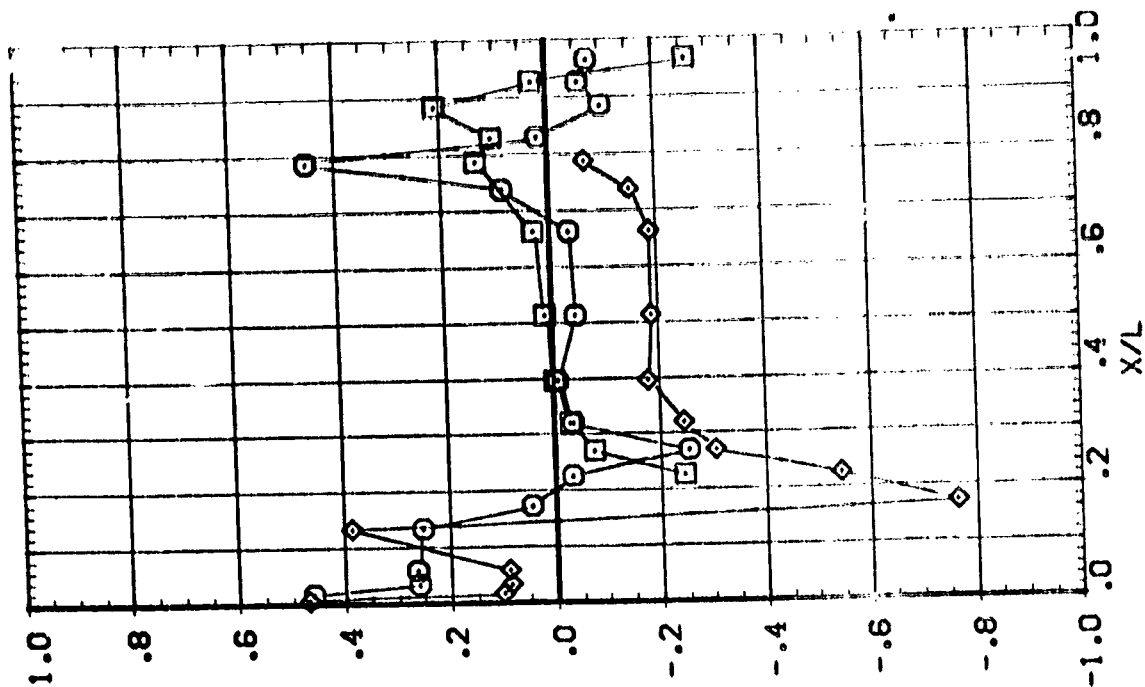
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

(RDLB01)

3:005372F1W87E18V5R5G1 LEFT FUSELAGE

ALPHA BETA  
-3.040 -10.050  
-1.020  
170.000  
165.000  
180.000

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



B:0C537Y2F1W87E:8V5R5G: LEFT FUSELAGE

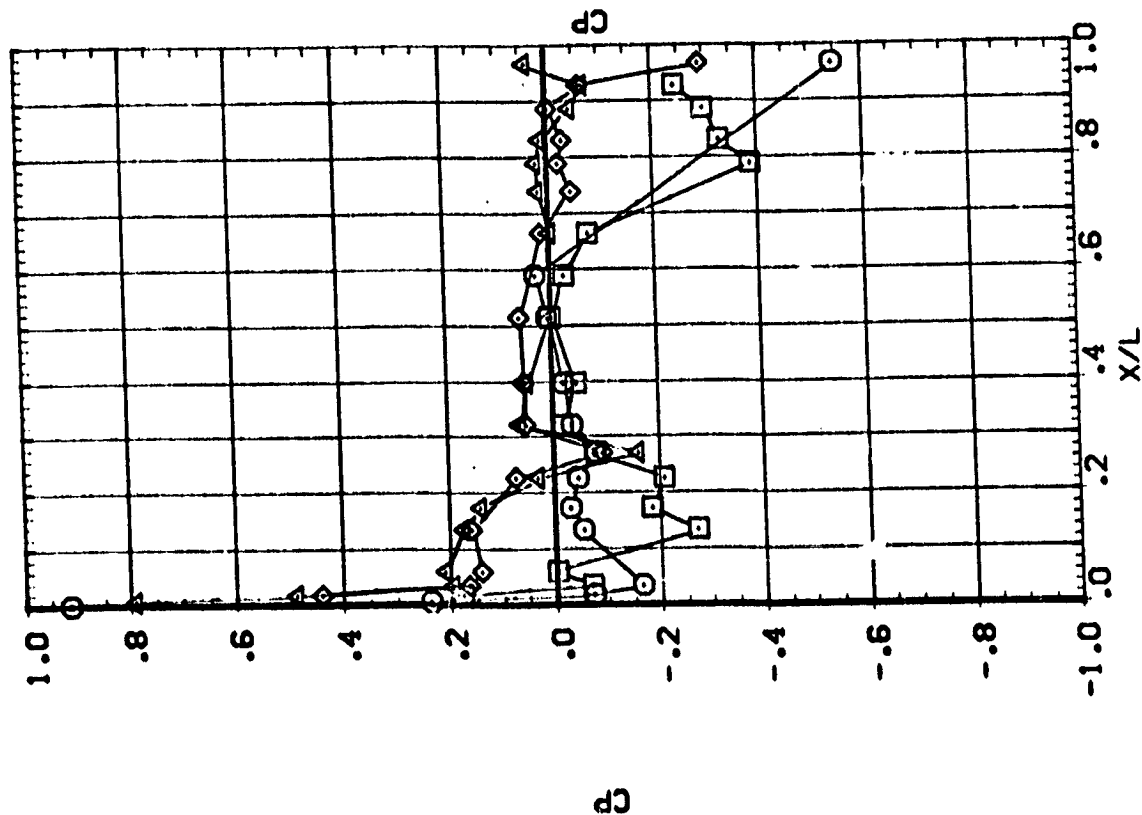
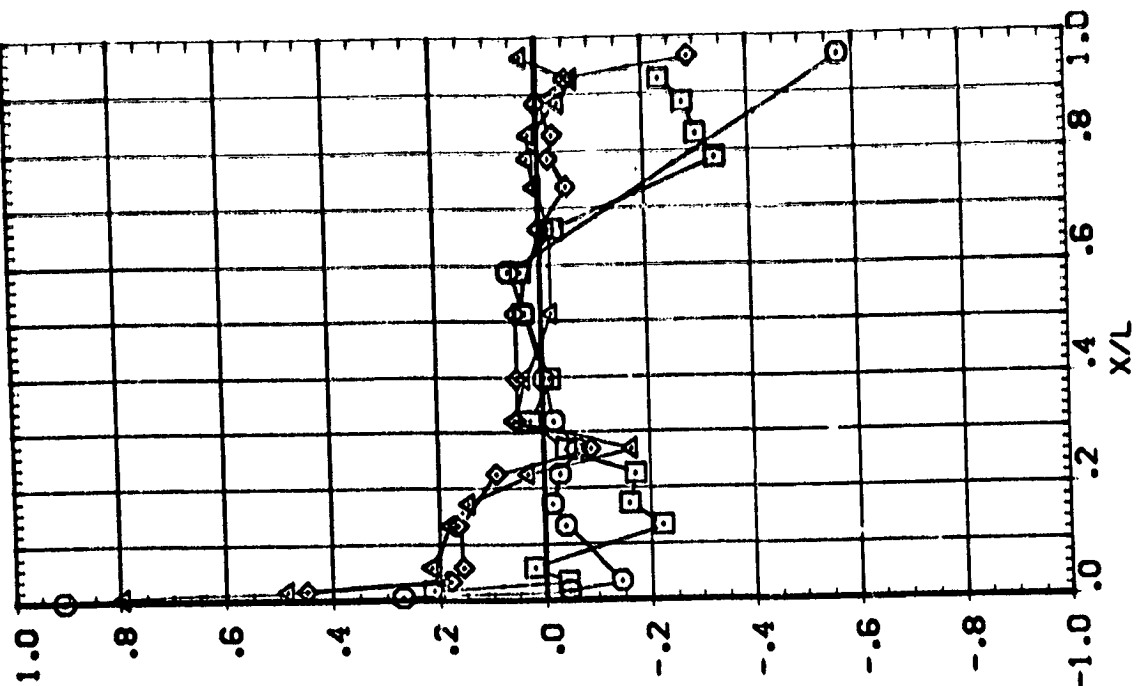
(RDLB01)

SYMBOL  
 .000  
 40.000  
 70.000  
 90.000

ALPHA  
 .030  
 1.000

BETA  
 -10.060

PARAMETRIC VALUES  
 ELEVTR .000  
 RUDDER .000  
 RUOFLR 40.000  
 FLAP -10.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

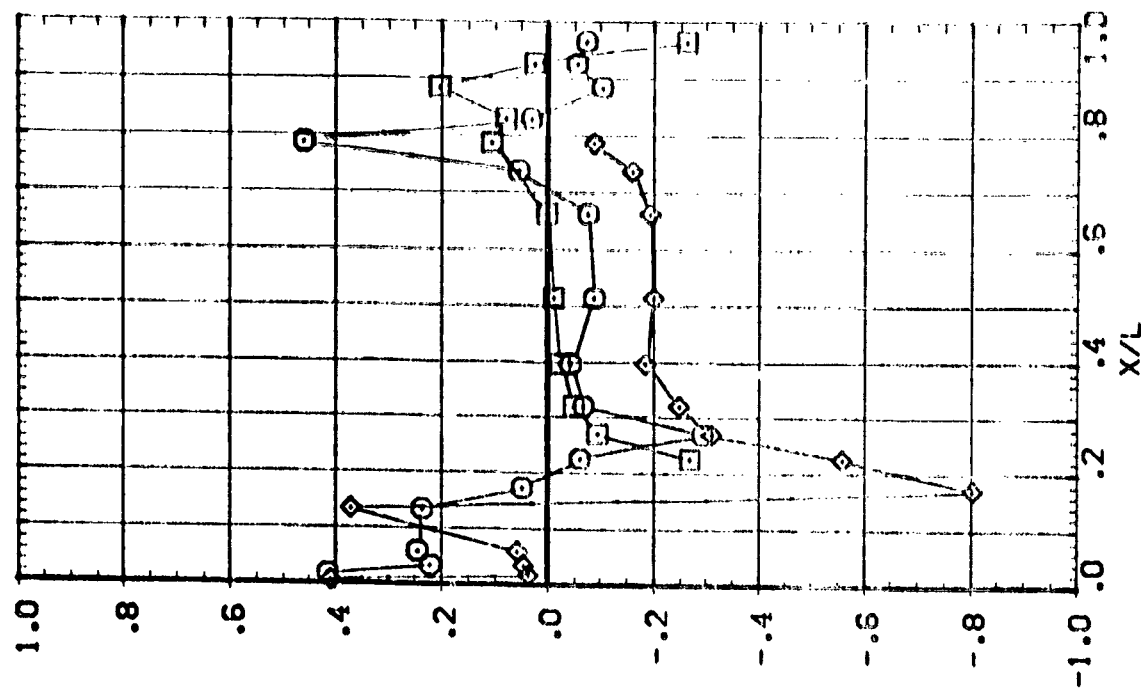
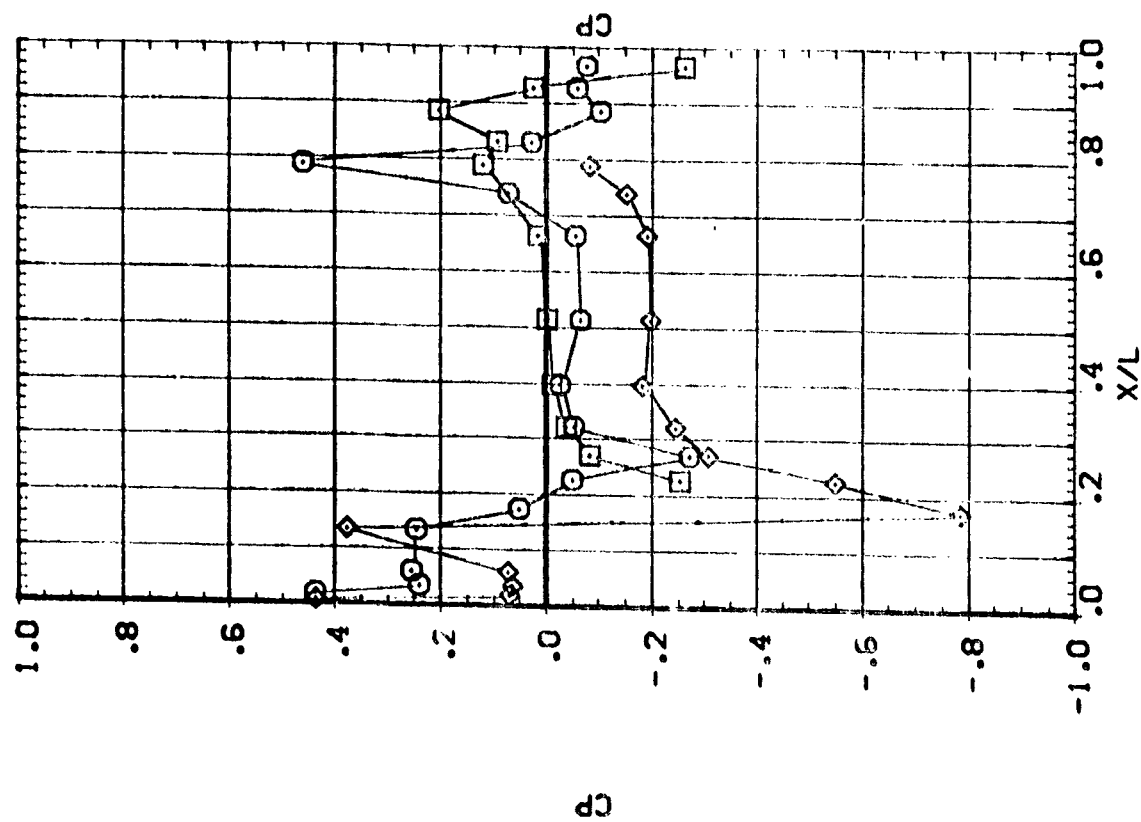


3:00507M2F:W87E:8V5R5G: LEFT FUSELAGE

(R0.801)

SYMBOL    ALPHA    BETA  
O    120.000    .030    -10.000  
□    165.000    1.000  
◇    180.000

PARAMETRIC VALUES  
ELEVTR    .000    RUDDER    .000  
RUFLEW    40.000    FAP    -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

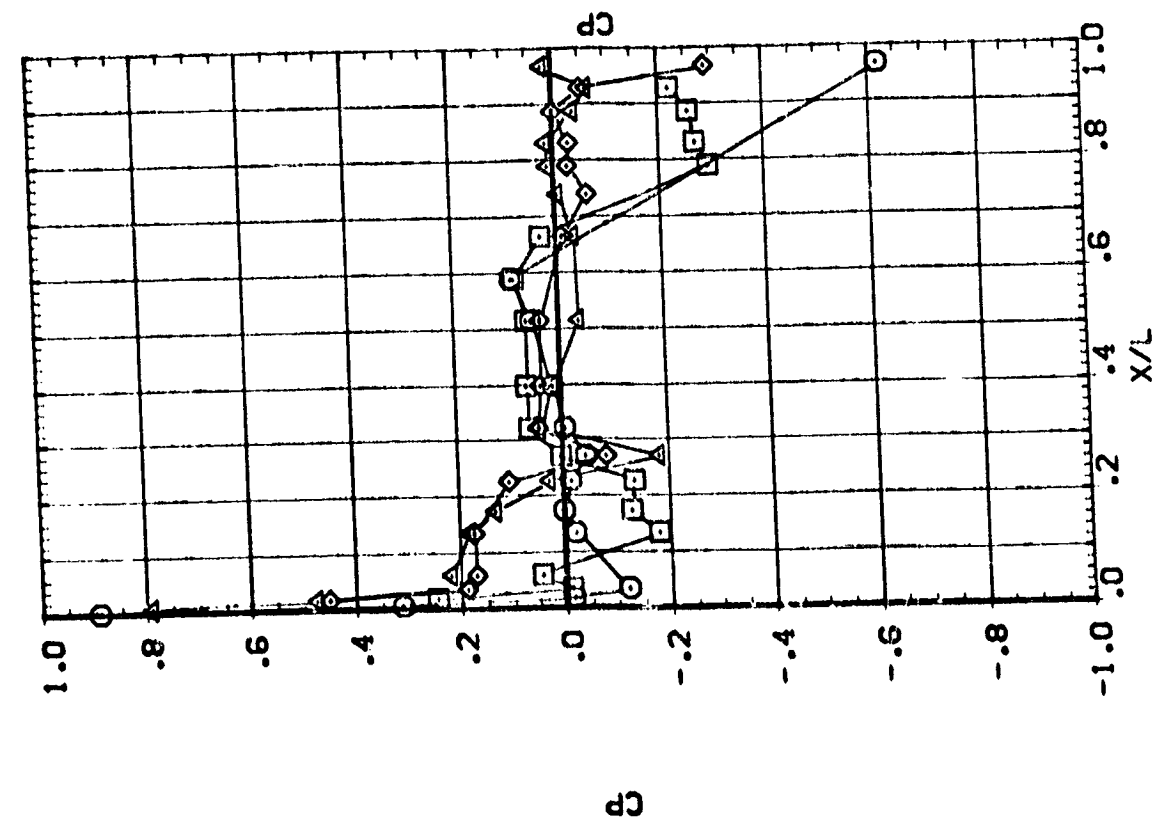
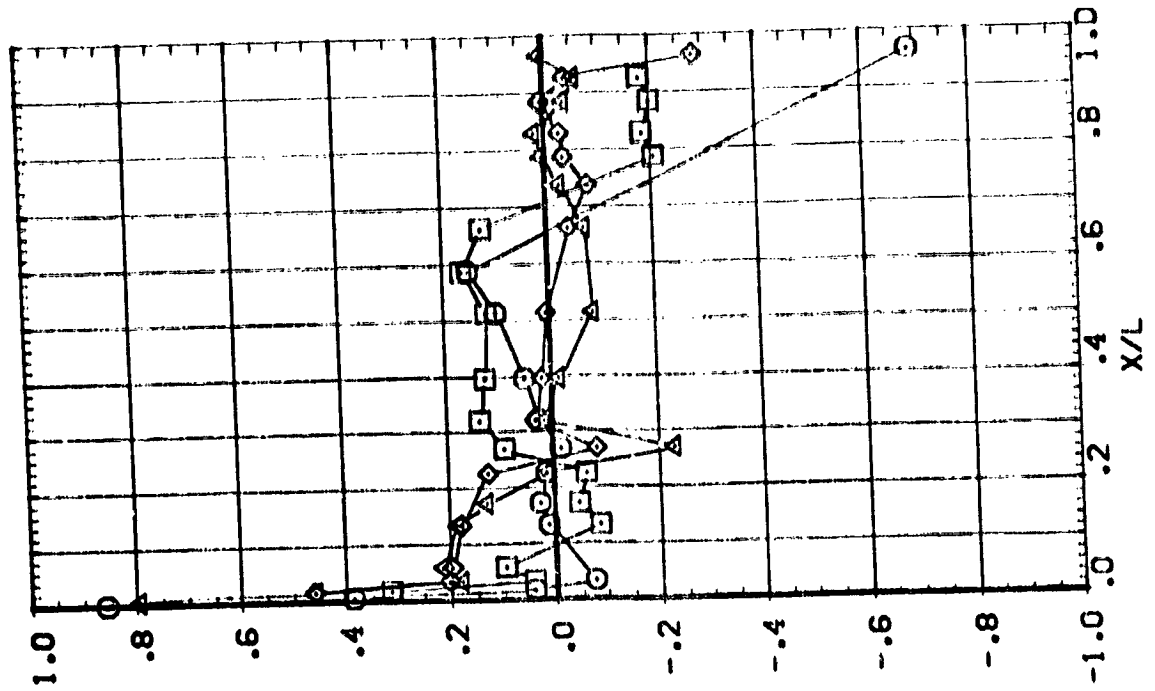


310C5D7V2F:W87E:8V5R5G: LEFT FUSELAGE

(RDLB01)

SYMBOL      PH1      ALPHA      BETA  
 ○      .000      1.000      -10.100  
 □      40.000      4.000  
 ◇      70.000  
 △      90.000

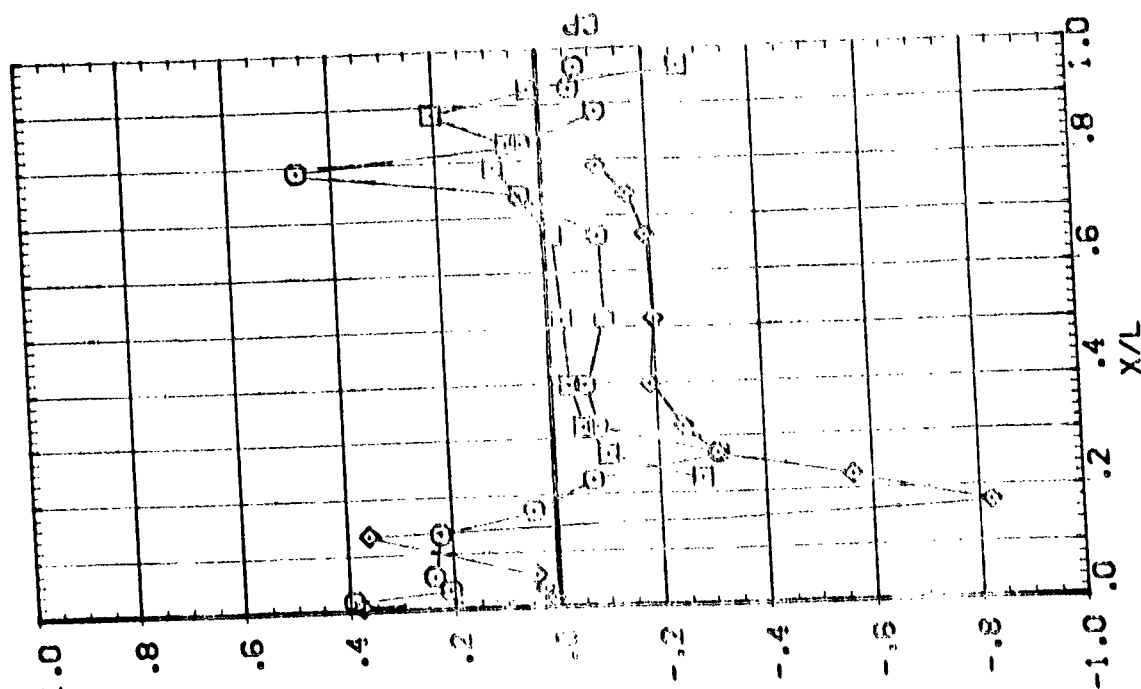
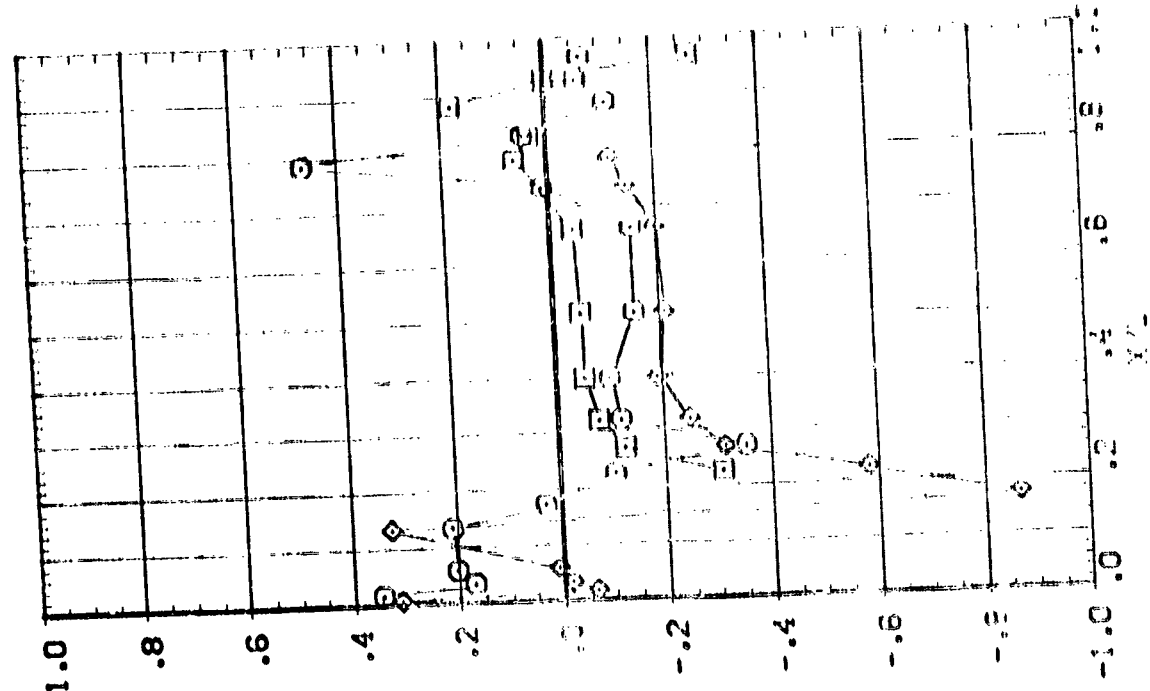
PARAMETRIC VALUES  
 ELEVTR      .000      RUDER      .000  
 RUDFLR      40.000      FLAP      -16.000





PARAMETRIC VALUES  
ELEVTR .000 2.000 .000  
RUFUR 40.000 2.000 -18.000

SYMBOL  
120.000  
165.000  
180.000  
ALPHA 1.000  
BETA -10.100  
4.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL FUSELAGE AND ELEVATOR



3:00507M2F1W87E:8V5R5G: LEFT FUSELAGE

(RDL801)

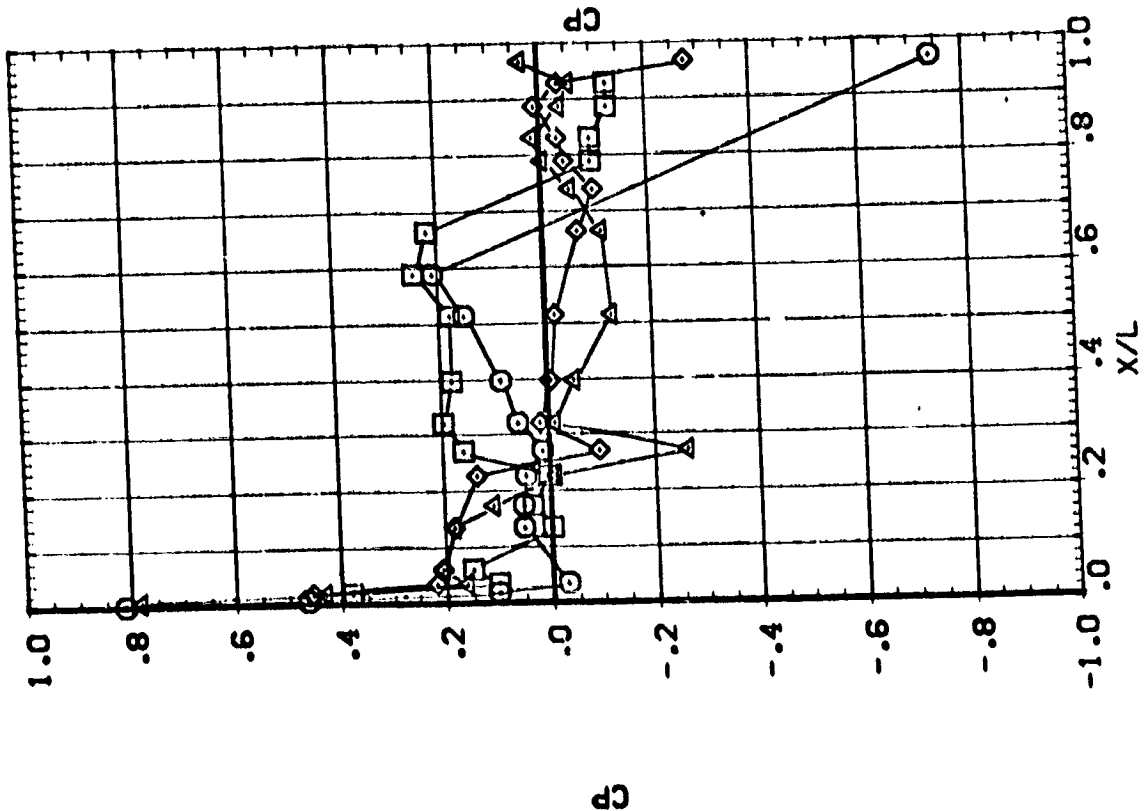
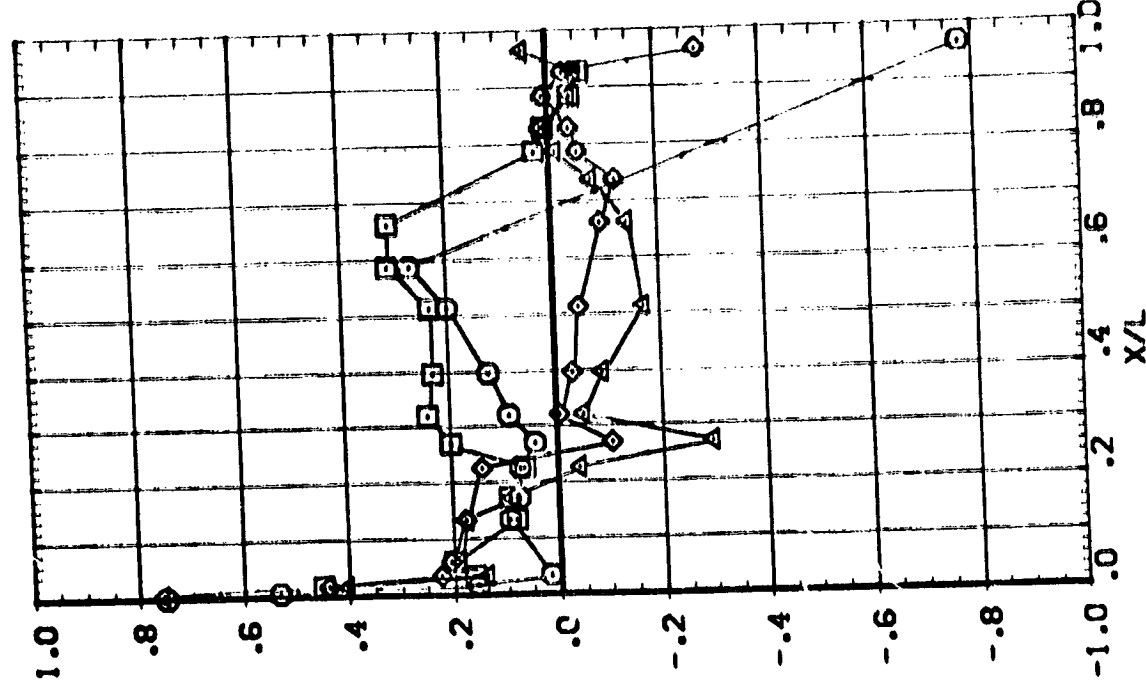
PH: .000  
 40.000  
 70.000  
 90.000

ALPHA 6.100  
 8.120

BETA -13.050

SYMBOL  
 O  
 □  
 ◇  
 △

PARAMETRIC VALUES  
 ELEVTR .000  
 RUDER .000  
 FLAP -18.000



3:00507V2F:1#87E18V5R5G: LEFT FUSELAGE

(20-301)

SYMBOL:  $\diamond$   $\square$   $\circ$

PA: 120.000 6.100 8.120

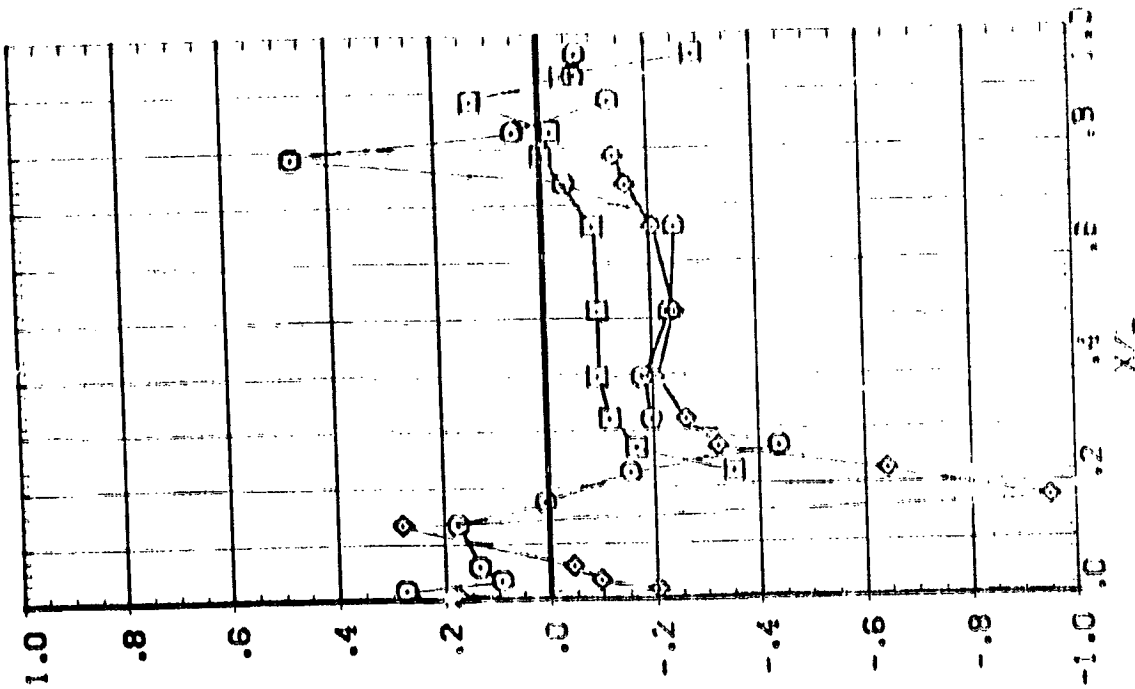
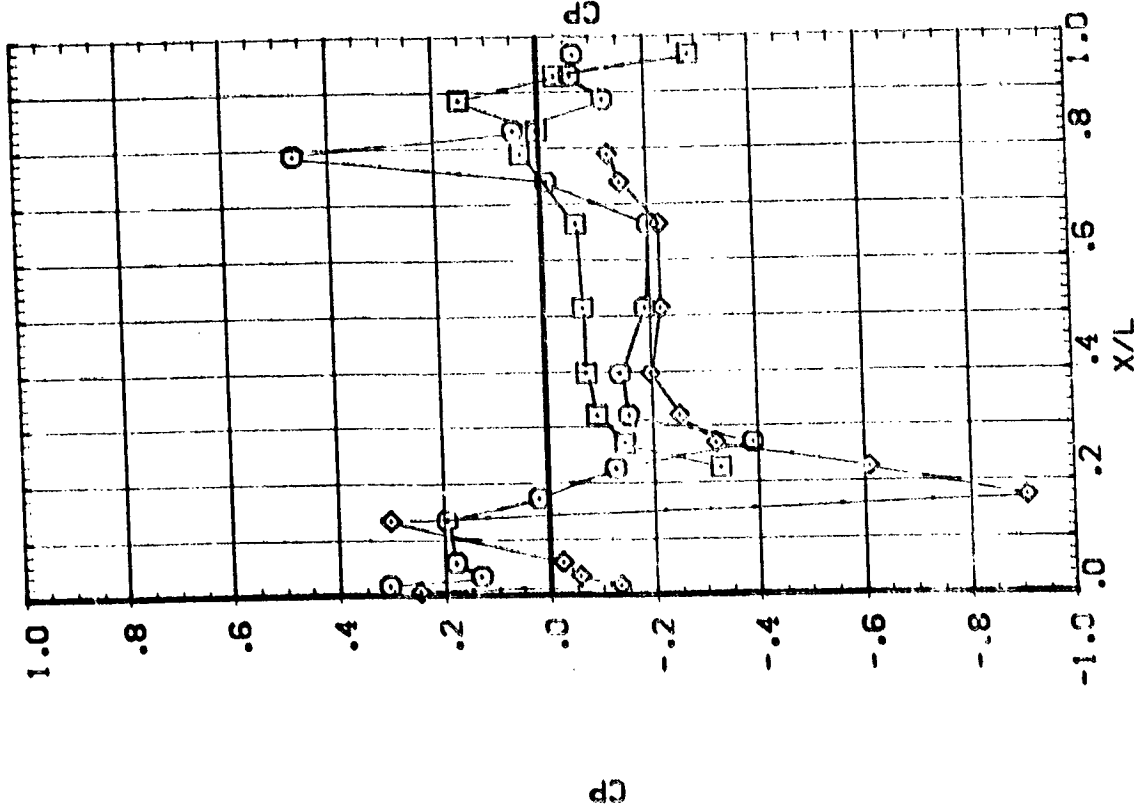
ALPHA: 6.100 8.120

BETA: -10.050

PARAMETRIC VALUES

ELEVTR: 0.000 0.000 0.000

PAFLR: 40.000 5.000 18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RODDER AND ELEVATOR

PAGE 50



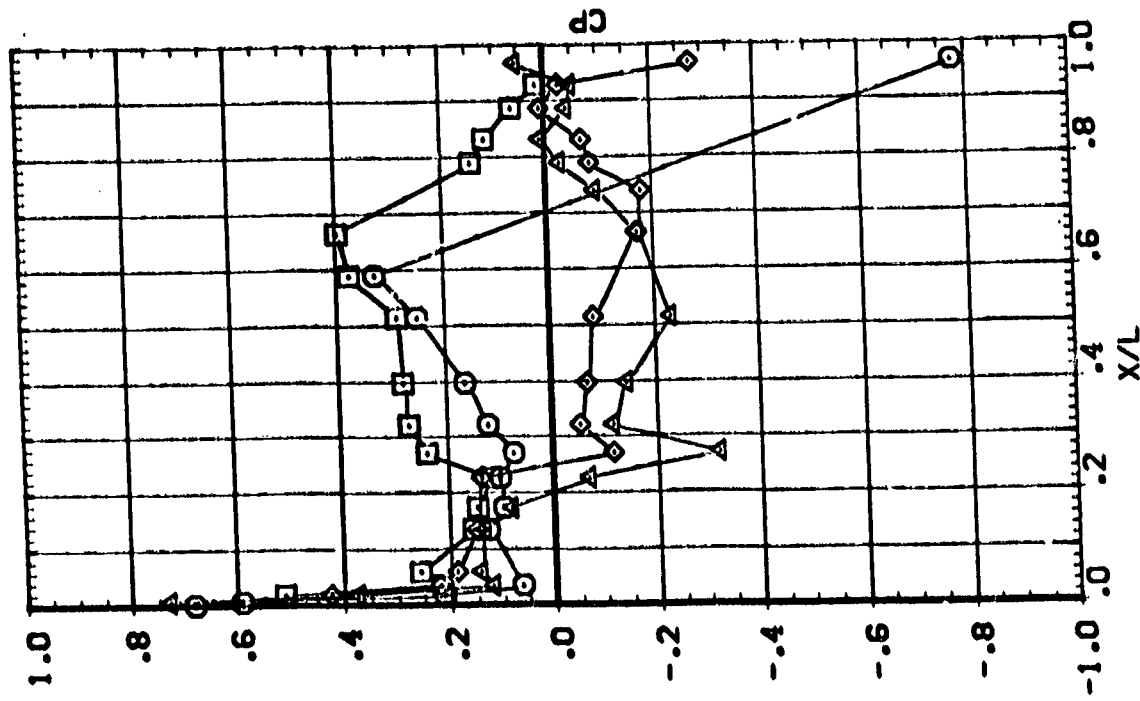
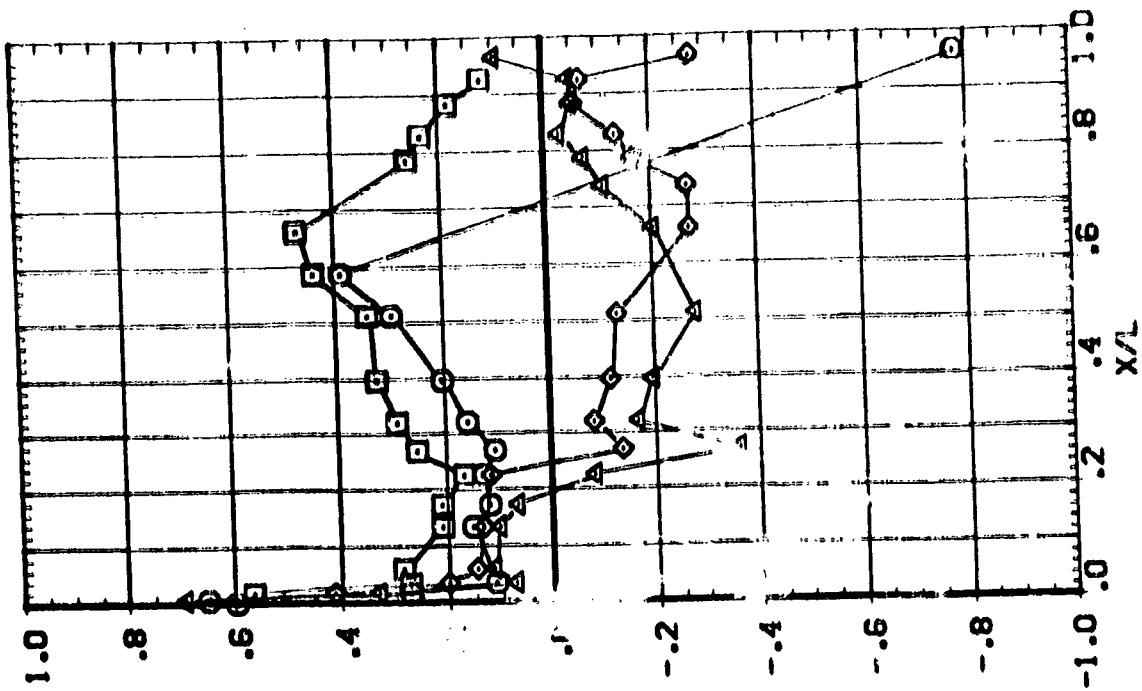
B:00507Y2F:187E18VSR5G: LEFT FUSELAGE

PHI .000 ALPHA 10.130  
 40.000 BETA -10.030  
 70.000 12.18C  
 90.000

SYMBOL  
 ○ □ ◇ △

(RDL801)

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUFLR 40.000 FLAP -18.000



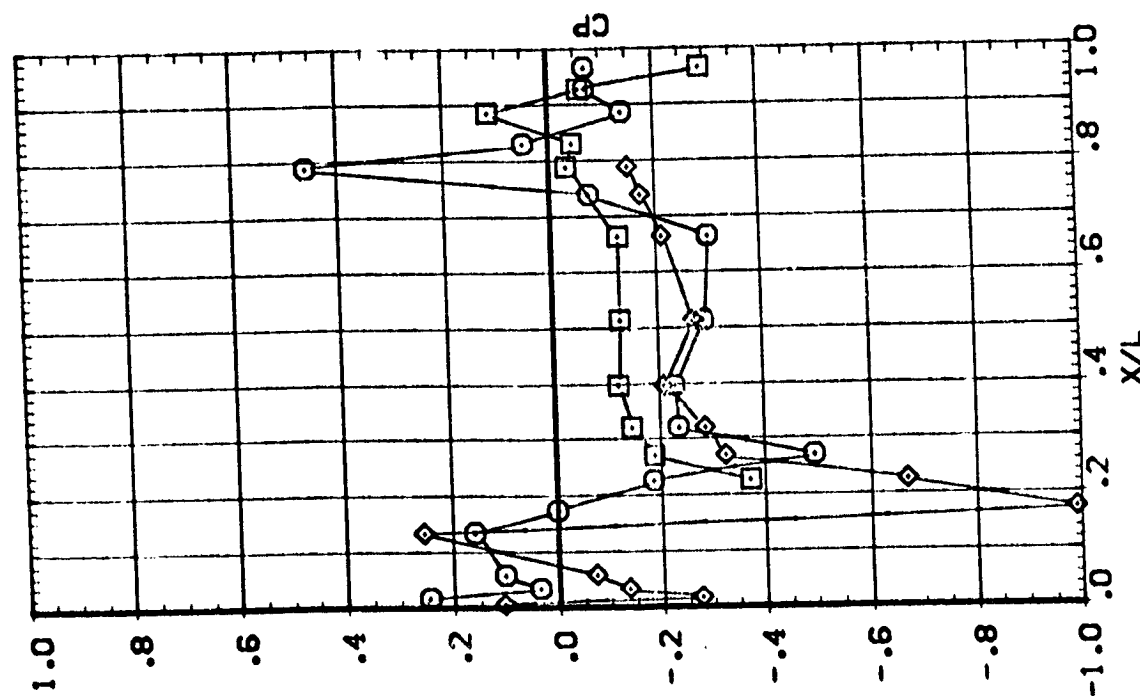
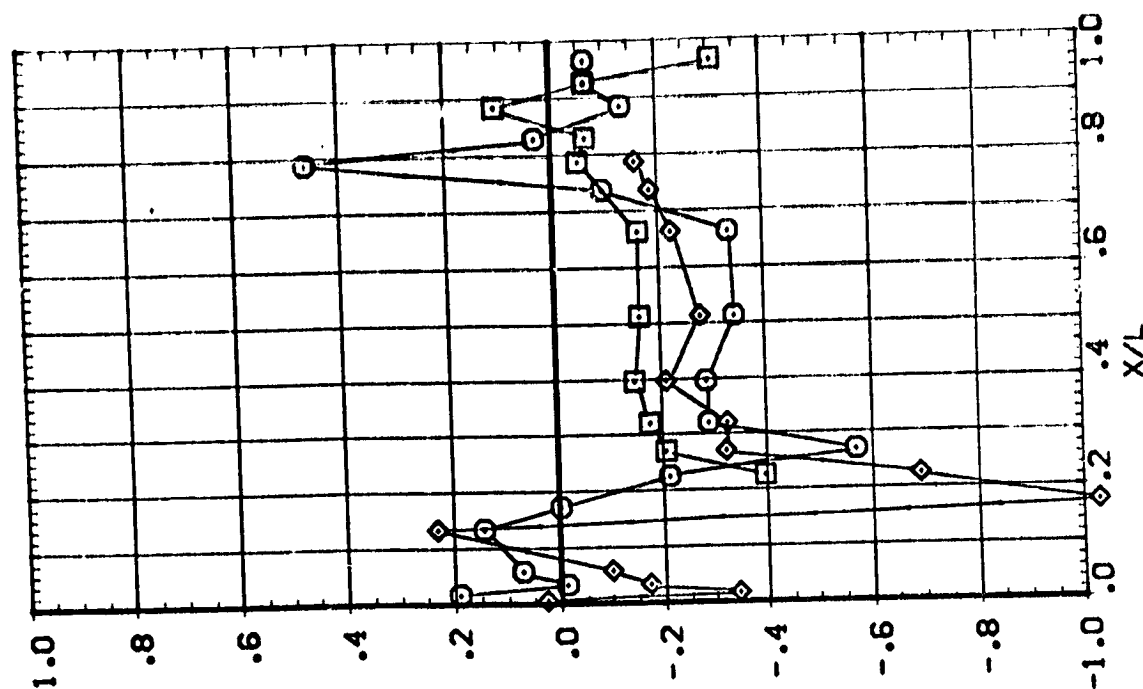
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

(RDLB01)

3:00507M2F:W87E:8V5R5G: LEFT FUSELAGE

PARAMETRIC VALUES  
 .000 RUDDER .000  
 40.000 FLAP -10.000

SYMB. ALPHA BETA  
 170.000 10.130 -10.000  
 165.000 12.180  
 180.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



310C507M2F:W87E18V5R5G: LEFT FUSELAGE

PH1  
 .000  
 40.000  
 70.000  
 90.000

ALPHA  
 14.730  
 16.750

BETA  
 -10.050

○ □ ◇ △

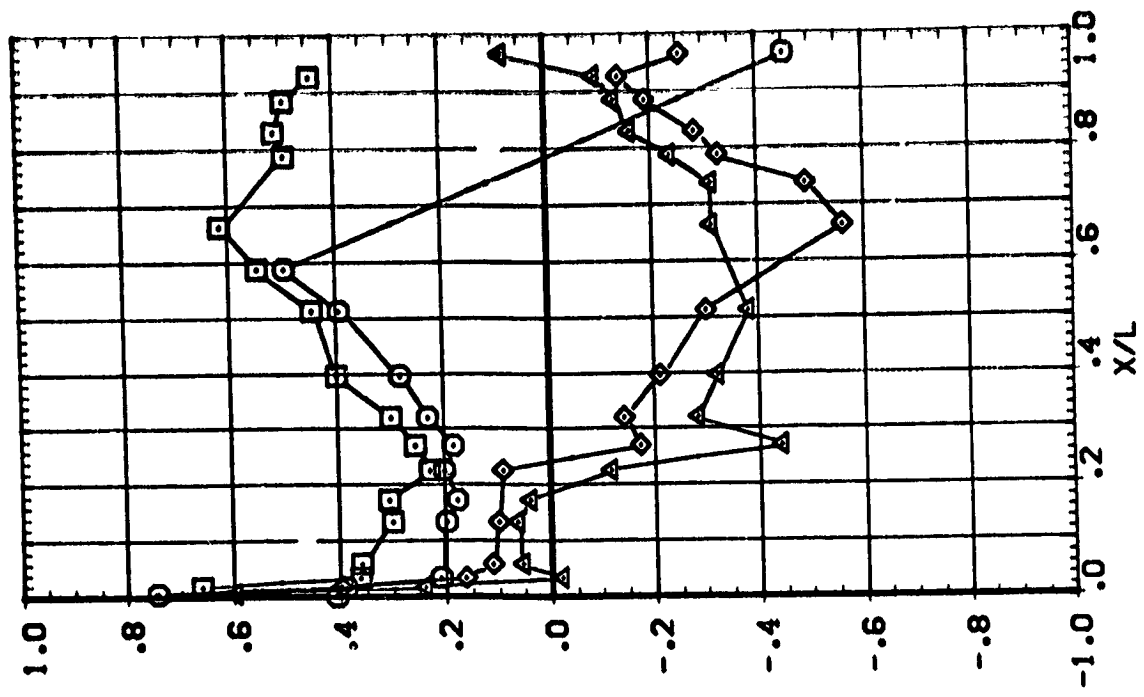
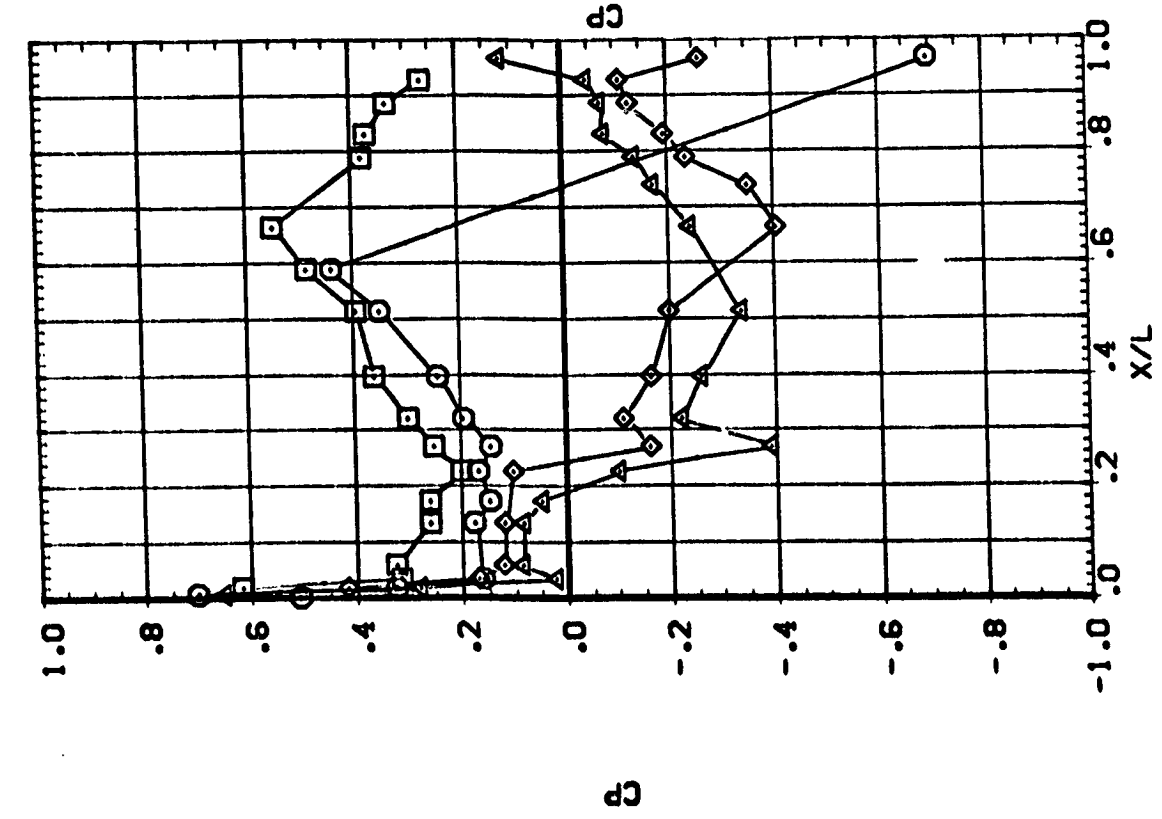
(RDLB01)

ELEVTR  
 RUDFLR

.000  
 40.000

RUDDER  
 FLAP

.000  
 -10.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

(RDLB01)

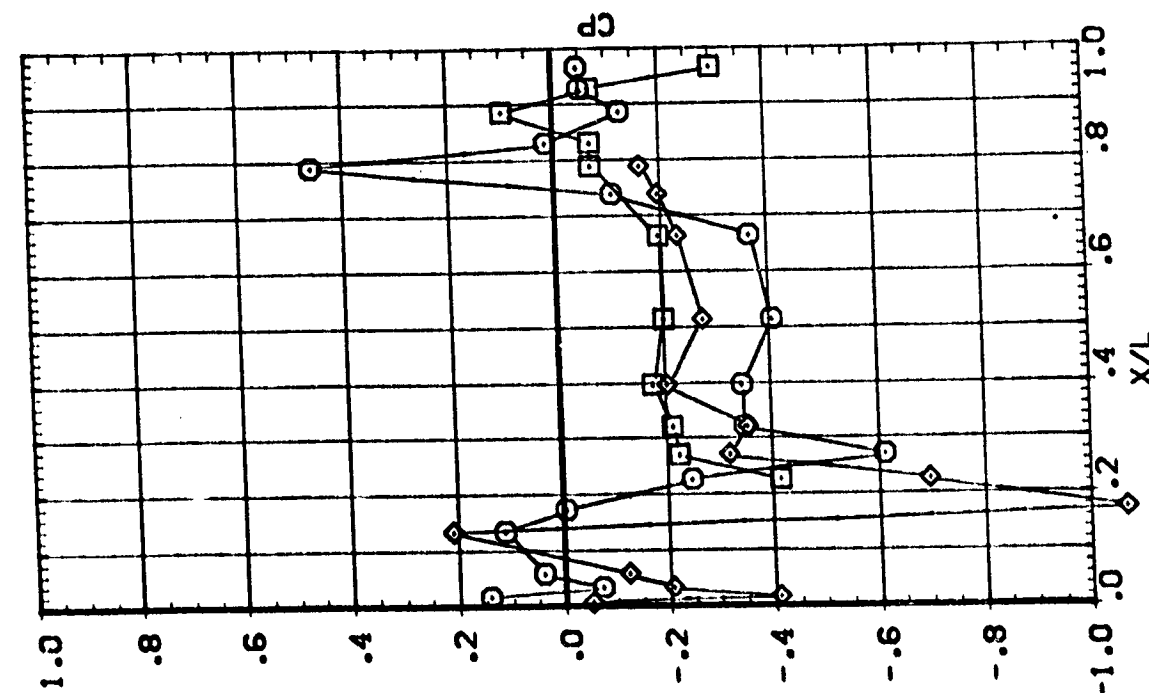
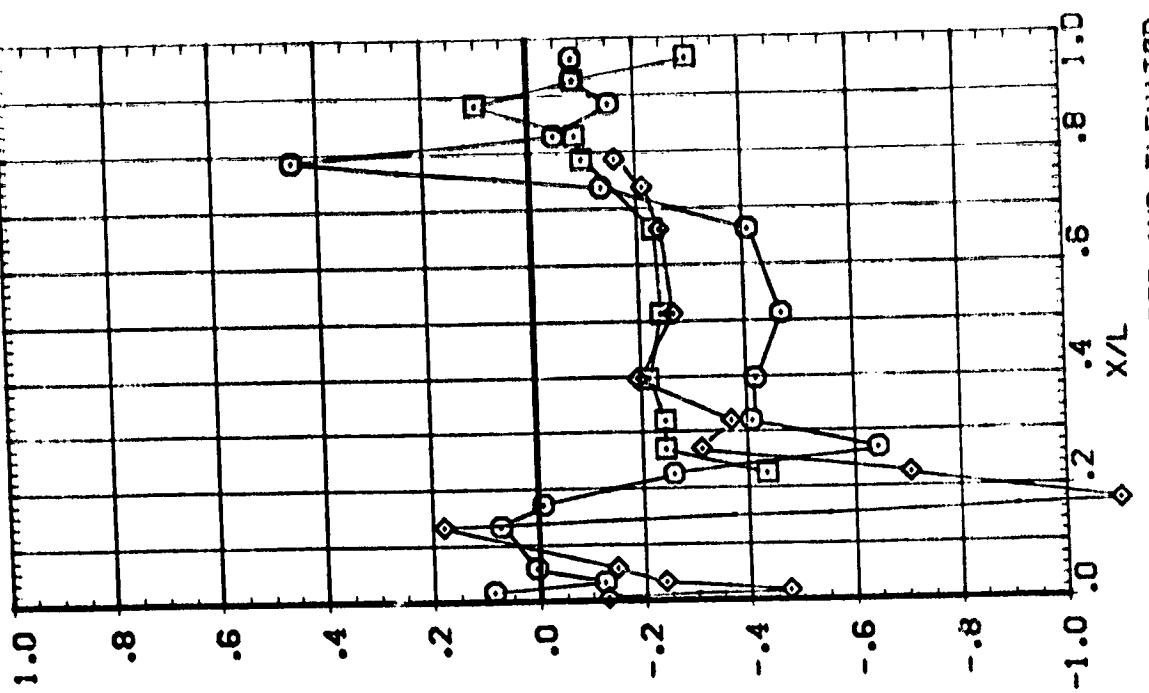
3:005D7M2F:W87E:8V5R5G1 LEFT FUSELAGE

SYMBOL

PHI 120.000  
165.000  
180.000

ALPHA 14.230  
BETA -10.050  
16.250

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUJFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



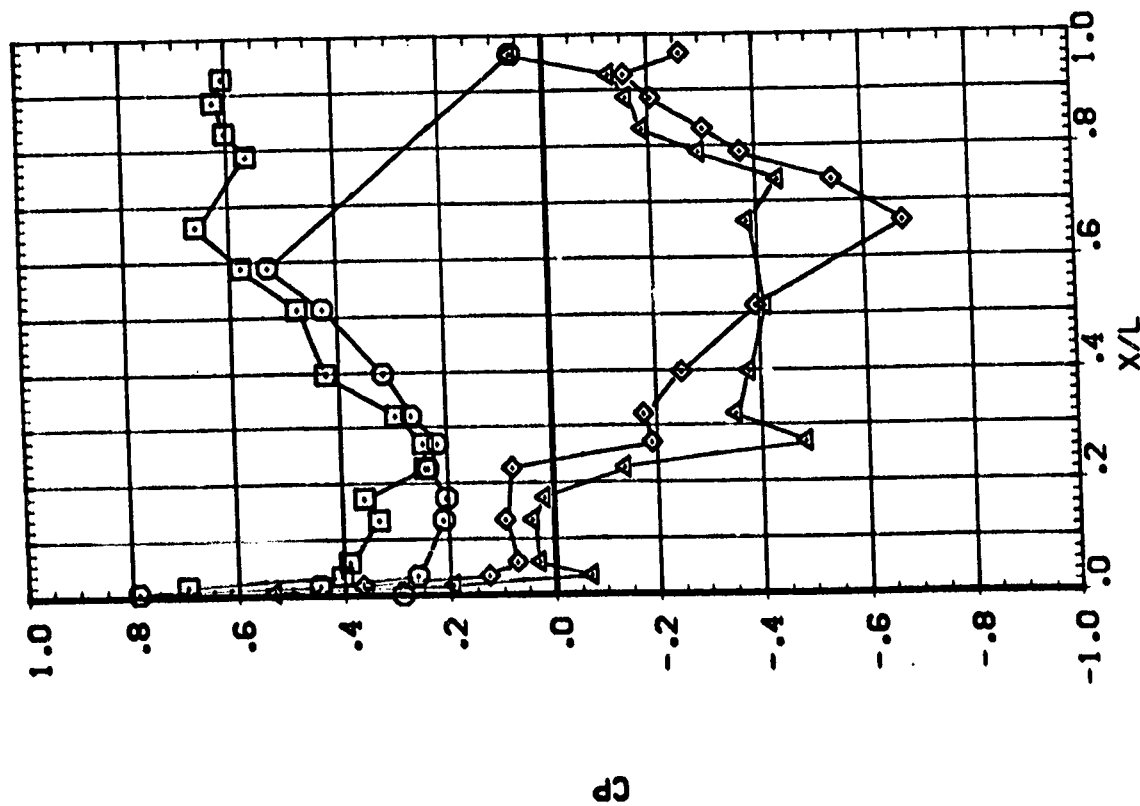
310C537Y2F:W87E:8V5R5G: LEFT FUSELAGE

(RDLB01)

PARAMETRIC VALUES  
 .000 RUDDER .000  
 40.000 FLAP -10.000

PM: ALPHA BETA  
 .000 18.260 -10.050  
 40.000  
 70.000  
 90.000

SYMBOL  
 ○ □ ◇ △



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

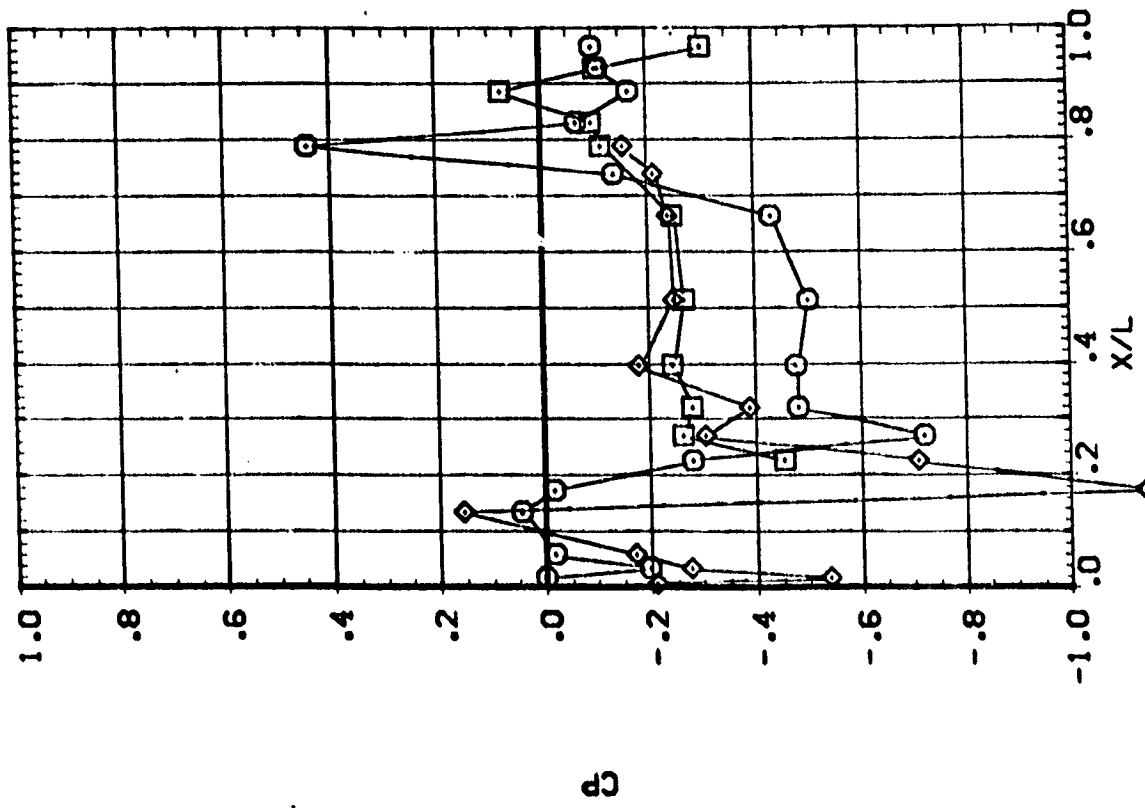


3:00507M2F:187E:8V5R53: LEFT FUSELAGE

(RDLBC13)

SYMBOL      P-1      ALPHA      BETA  
 ( )      120.000      18.260      -10.050  
 ( )      165.000  
 ( )      180.000

PARAMETRIC VALUES  
 .000      .000      .000  
 ELEVTR      RUDDER      FLAP  
 40.000      -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



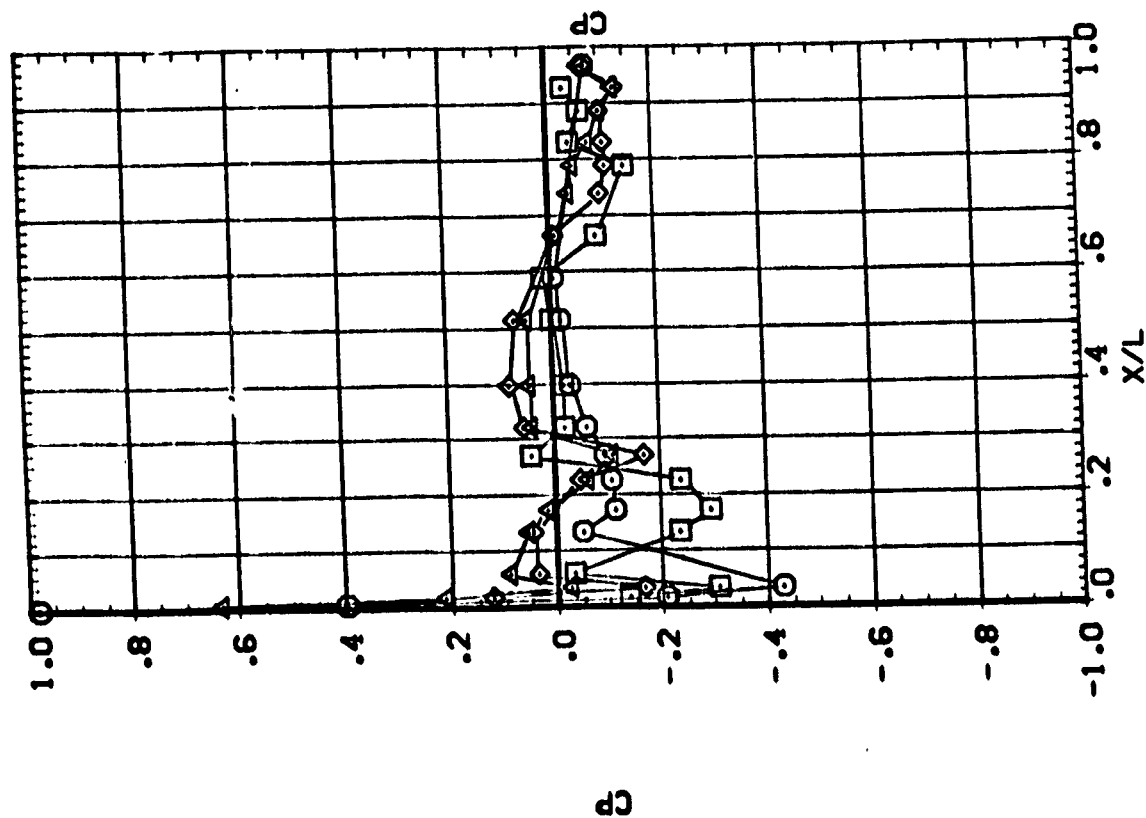
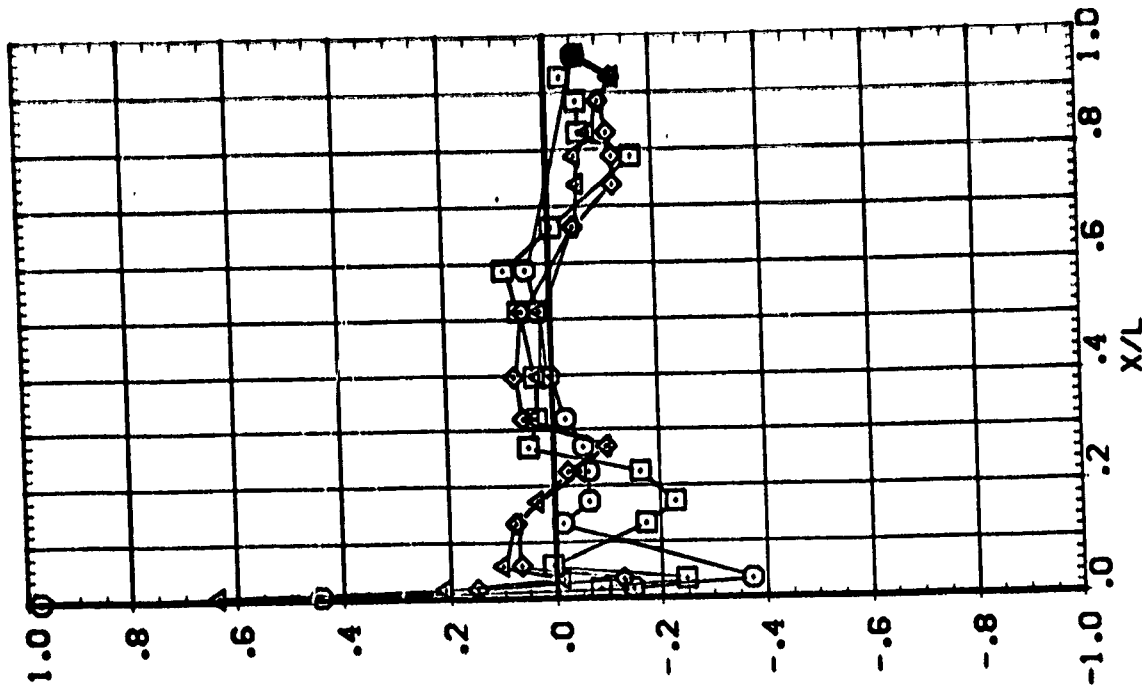
3:00507M2F1W87E:8VSR5G: LEFT FUSELAGE

(RDLB01)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUOFLR 40.000 FLAP -10.000

SYMBOL  
O  
□  
◇  
△

PHI .000  
40.000  
70.000  
90.000  
ALPHA -3.000  
BETA -5.000  
-5.000  
-5.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

3:00537Y2F:87E:8VSR5G: LEFT FUSELAGE

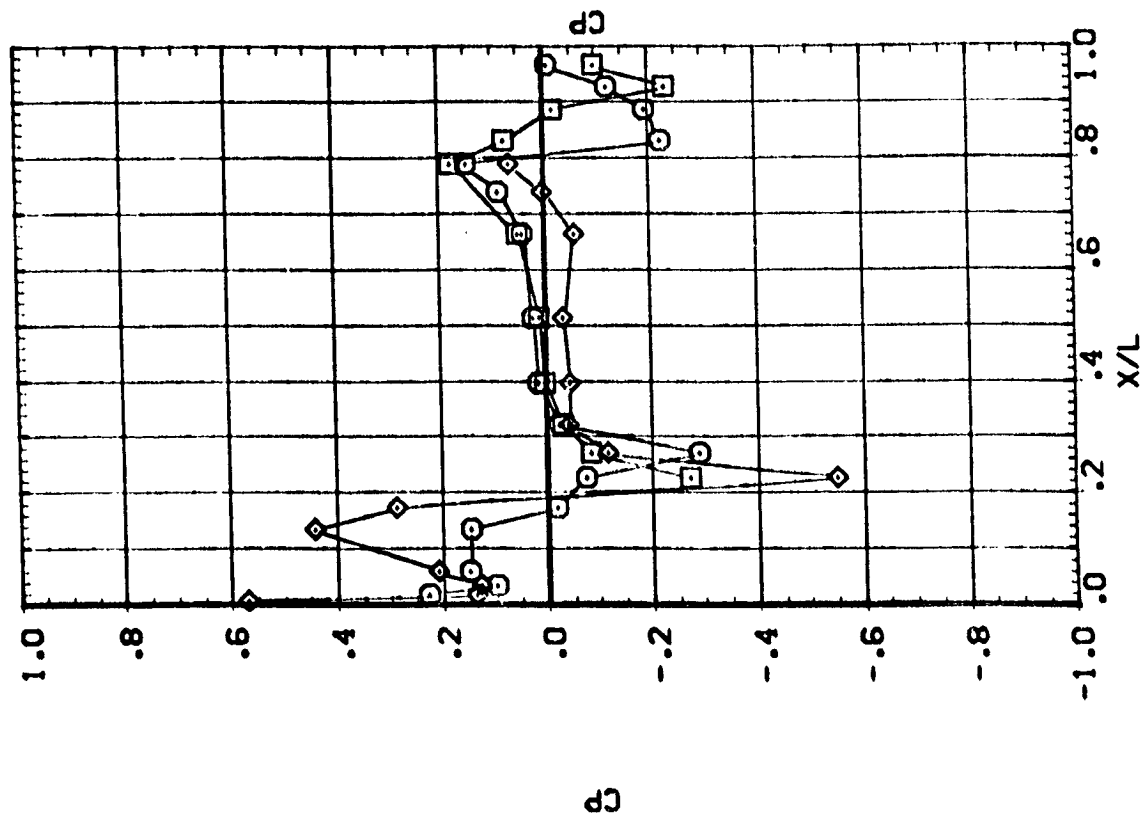
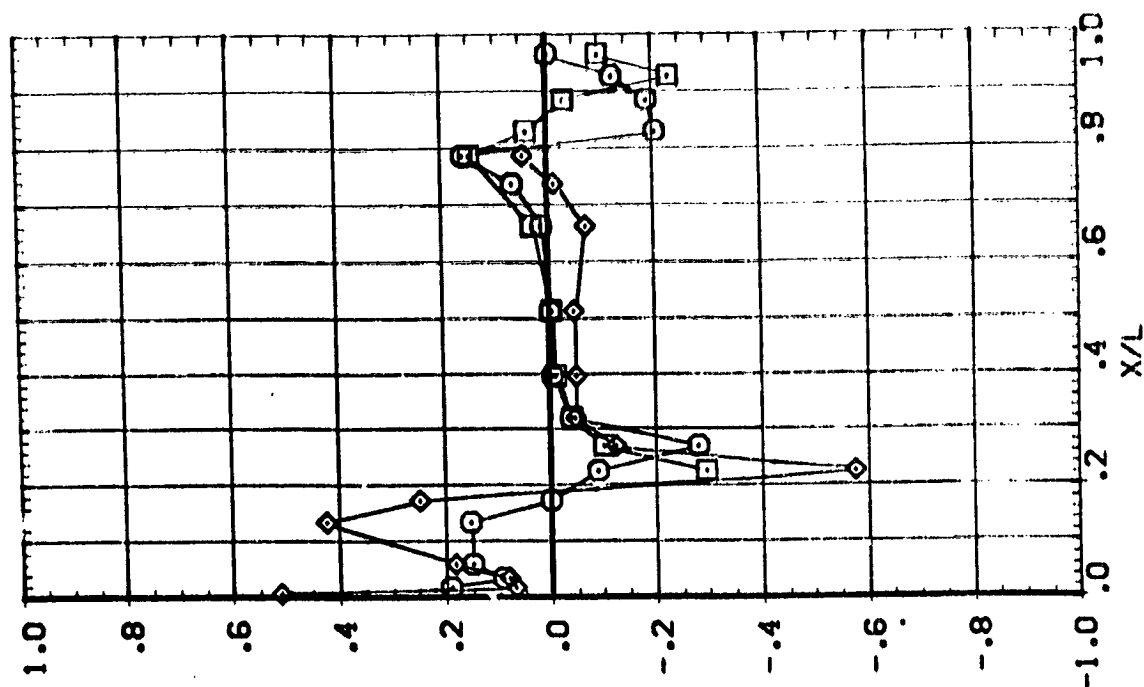
SYBC-  
120.000  
165.000  
180.000

ALPHA  
-3.000  
-0.950

BETA  
-5.030

(RDLB01)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUOFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

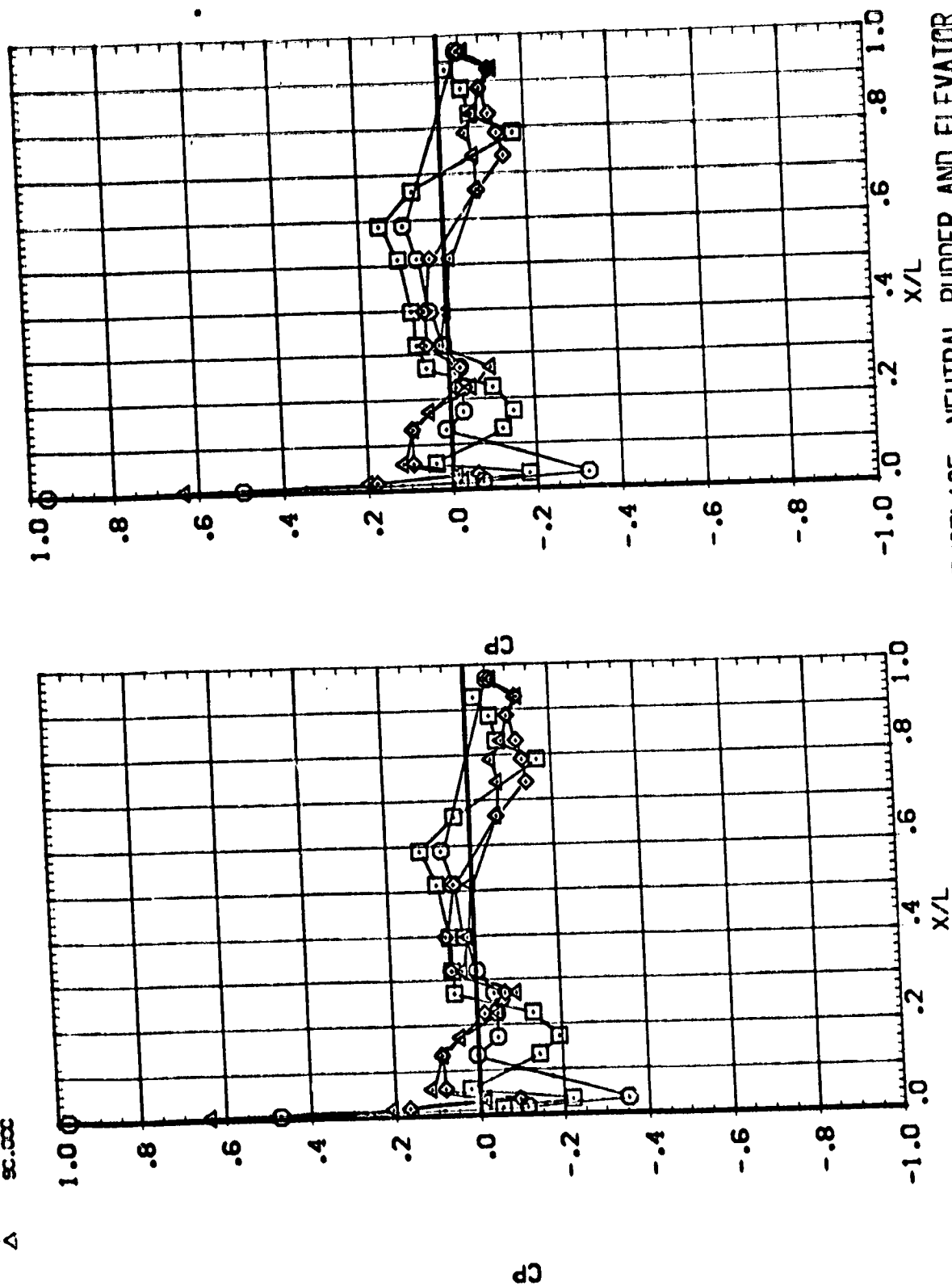


B10C5D7M2F1W87E18V5R5G: LEFT FUSELAGE

(RDLB01)

PH1 ALPHA BETA  
 .000 .010 -5.030  
 40.000 1.010  
 70.000  
 90.000

PARAMETRIC VALUES  
 ELEVTR .000 RUDER .000  
 RUDFLR 40.000 FLAP -10.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

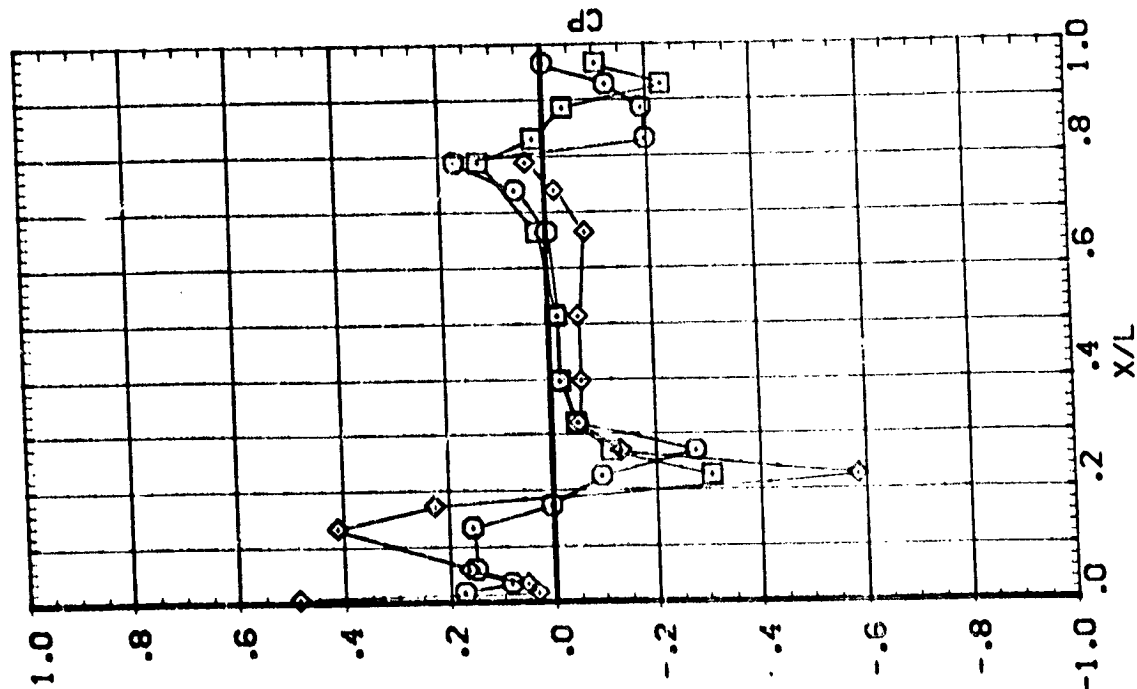
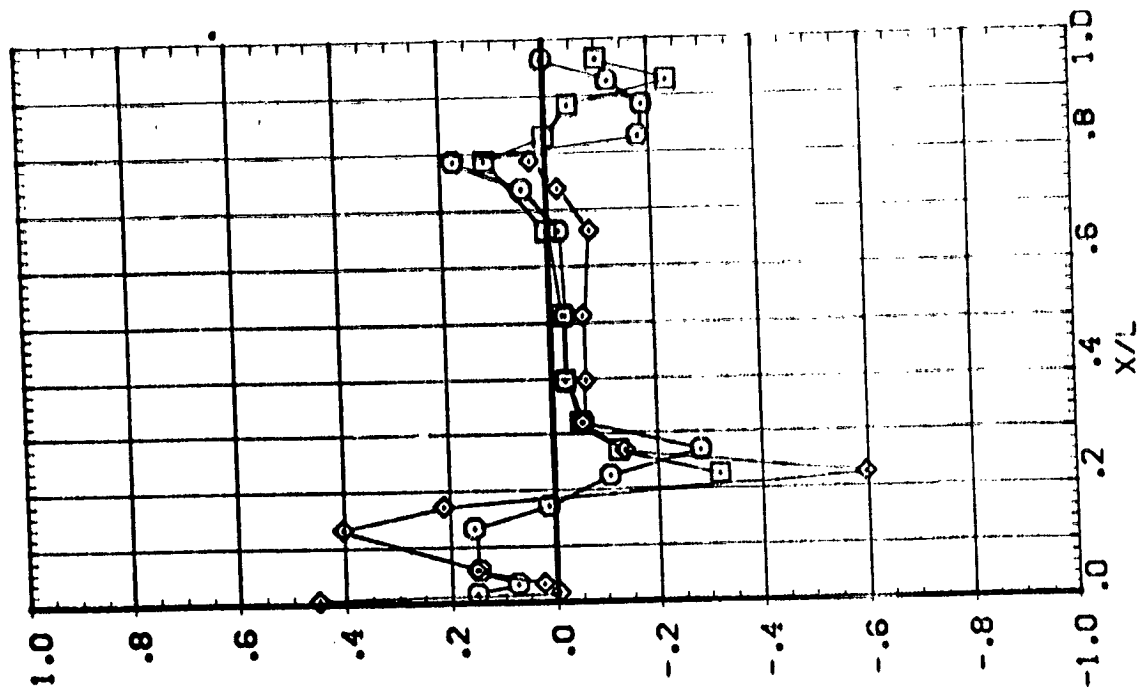


3:00507N2F:W87E:18V5R5G: LEFT FUSELAGE

(RDLB01)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RDFLR 40.000 FLAP -18.000

SYMBOL PHI ALPHA BETA  
120.000 .010 -5.030  
65.000 1.010  
80.000



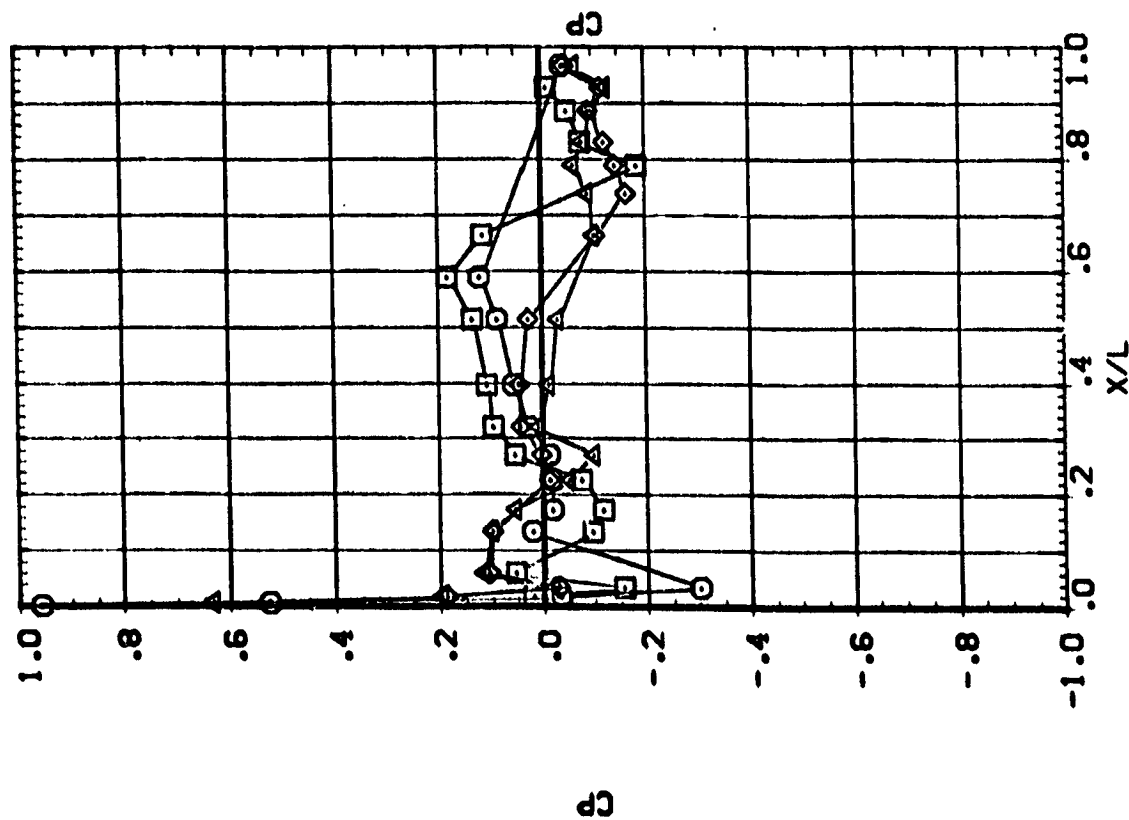
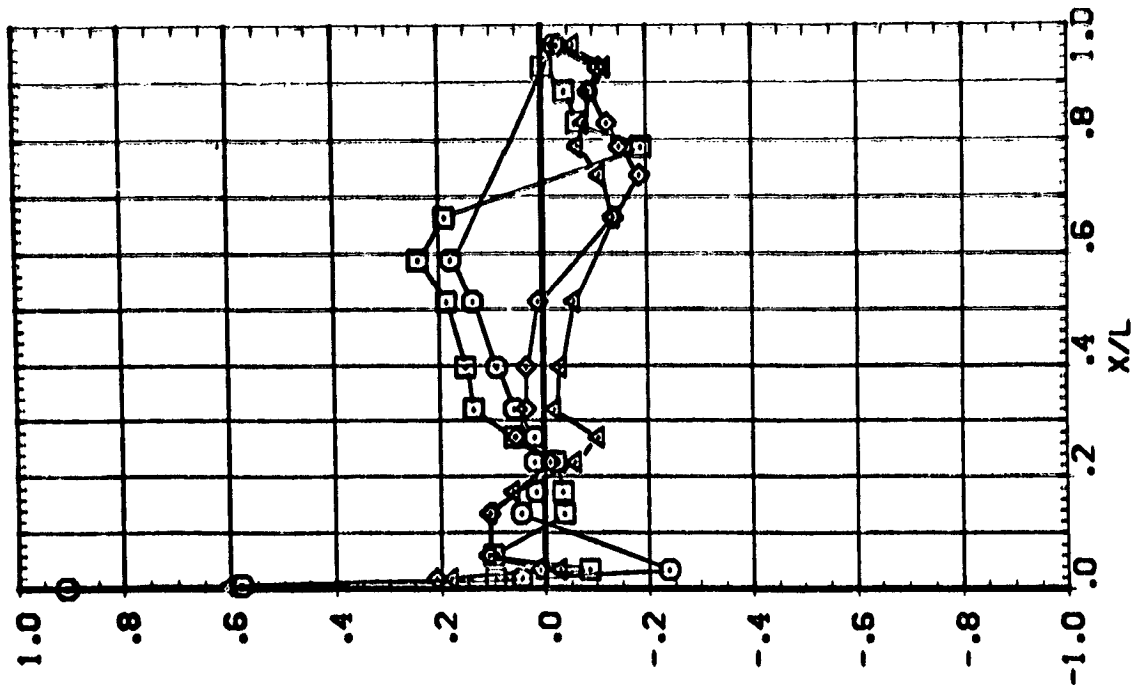
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



B:0C5D7M2F1W87E:8V5R5G: LEFT FUSELAGE

(RDLB01)

SYMBOL	PA:	ALPHA	BETA	PARAMETRIC VALUES	
○	.000	2.000	-5.000	.000	RUDDER
□	40.000	4.000		40.000	FLAP
◇	70.00%				
△	90.00%				



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



3:005072F:W87E:8V5R5G: LEFT FUSELAGE

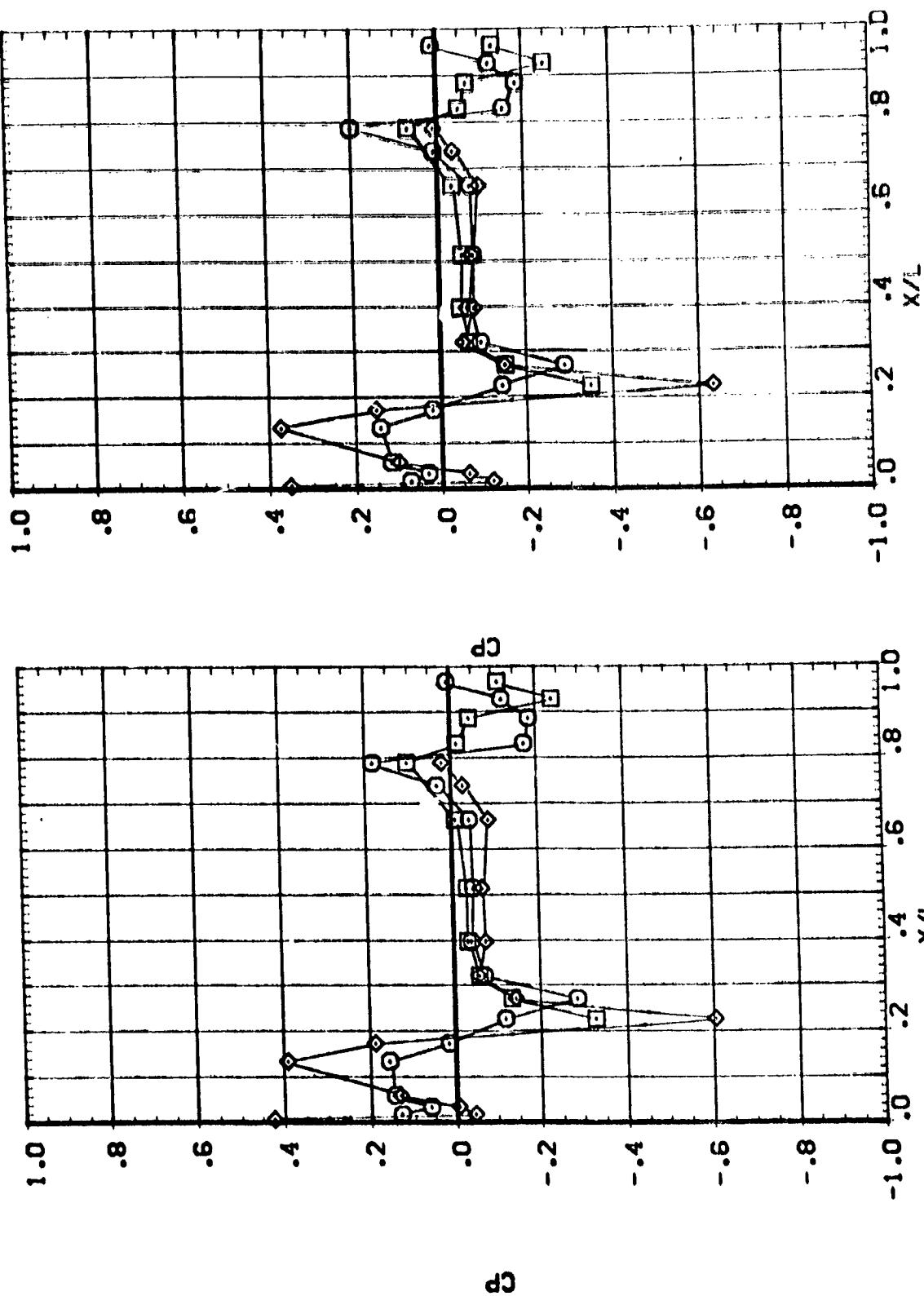
(RD.801)

SYMBOL  
 120.000  
 165.000  
 180.000

ALPHA  
 2.000  
 4.000

BETA  
 -5.000

PARAMETRIC VALUES  
 ELEVTR .000  
 RUDDER 40.000  
 FLAP .000  
 -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



B:00507M2F1W87E:8V5R5G: LEFT FUSELAGE

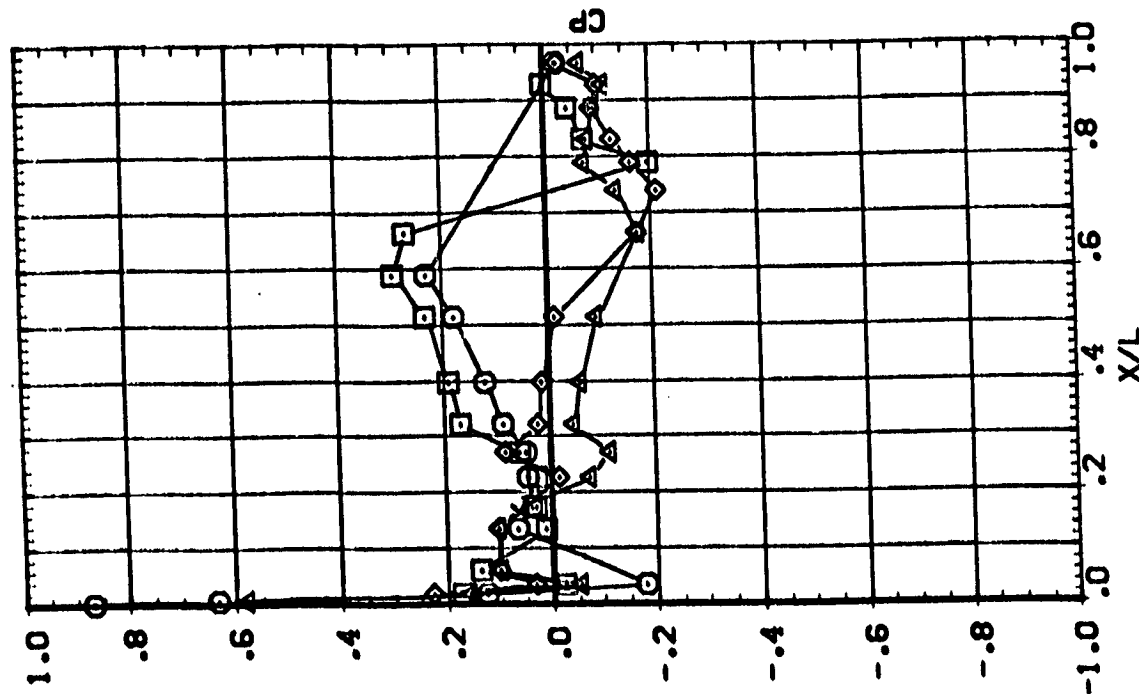
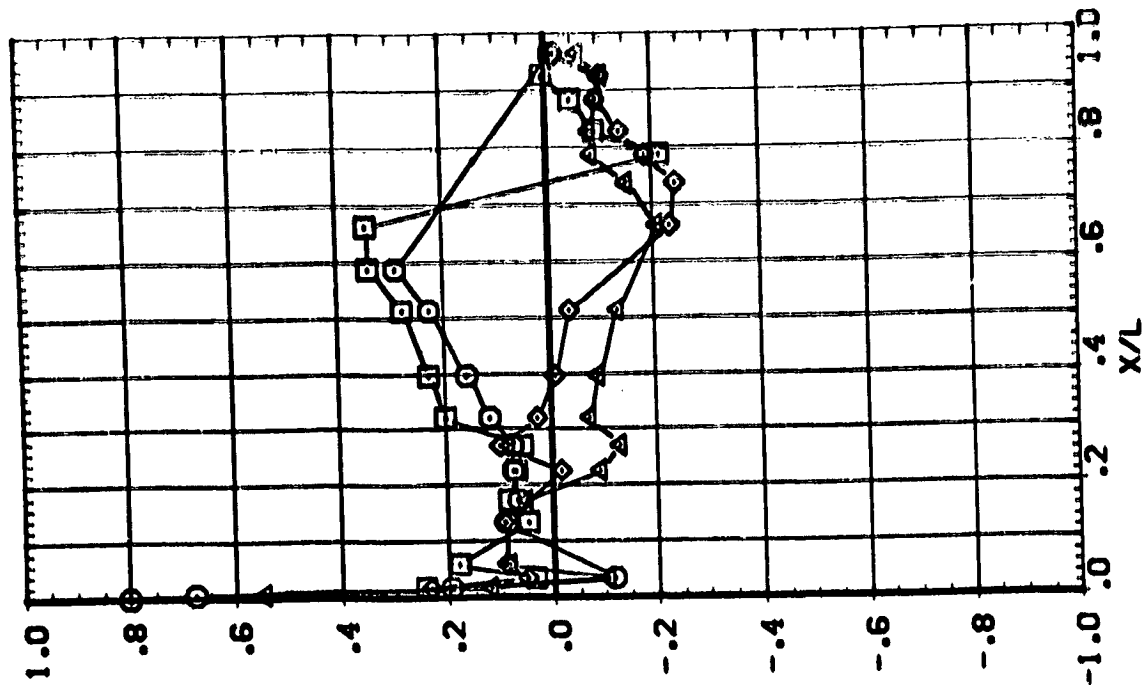
(RDLB01)

SYMBOL  
 P-1  
 .000  
 40.000  
 70.000  
 90.000

ALPHA  
 6.080  
 8.130

BETA  
 -5.030

PARAMETRIC VALUES  
 ELEVTR .000  
 RUDDER 40.000  
 FLAP -10.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



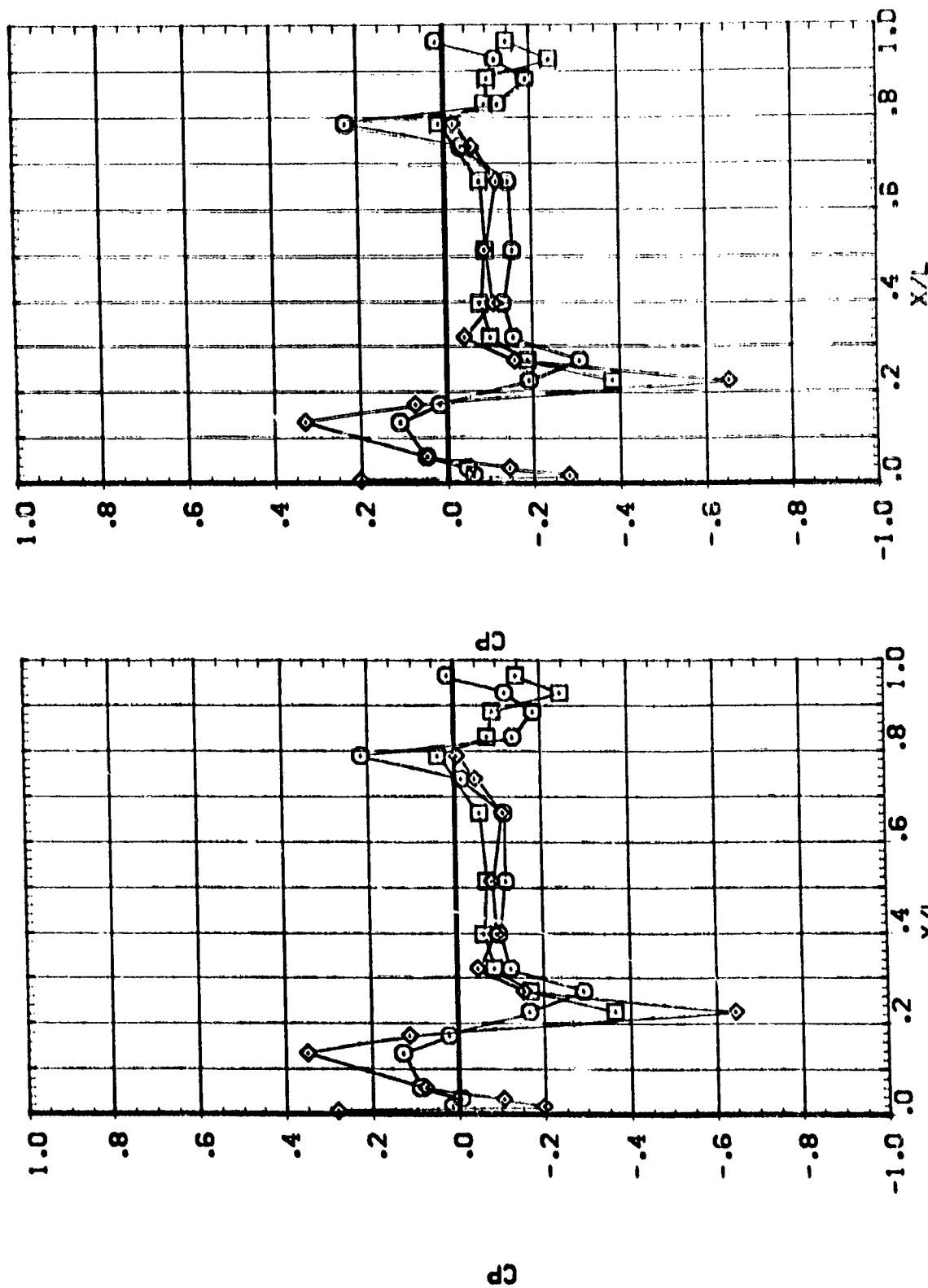
3:00507M2F1A87E18VSR5G: LEFT FUSELAGE

(ROLBOC)

SYSC  
OLLO

ALPHA BETA  
120.000 6.080 -5.030  
165.000 8.130  
180.000

PARAMETRIC VALUES  
ELEV 0.00 RUDER 0.00  
RUDFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

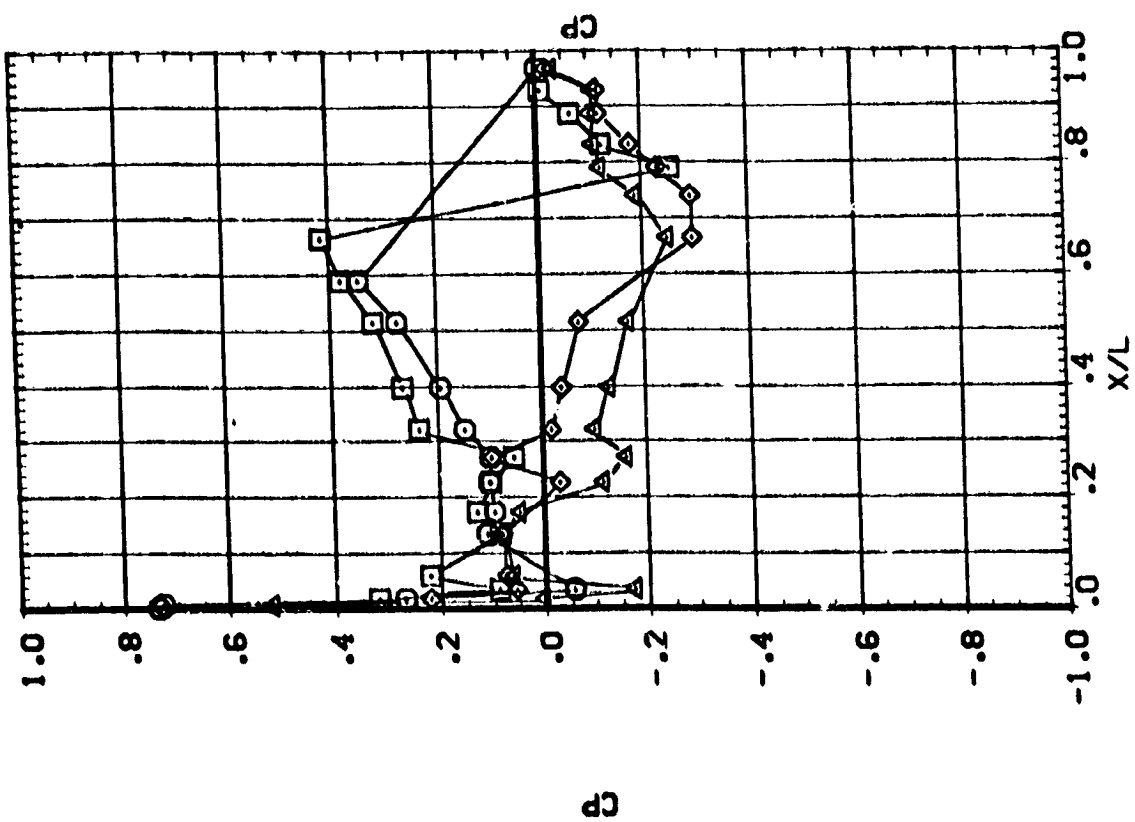
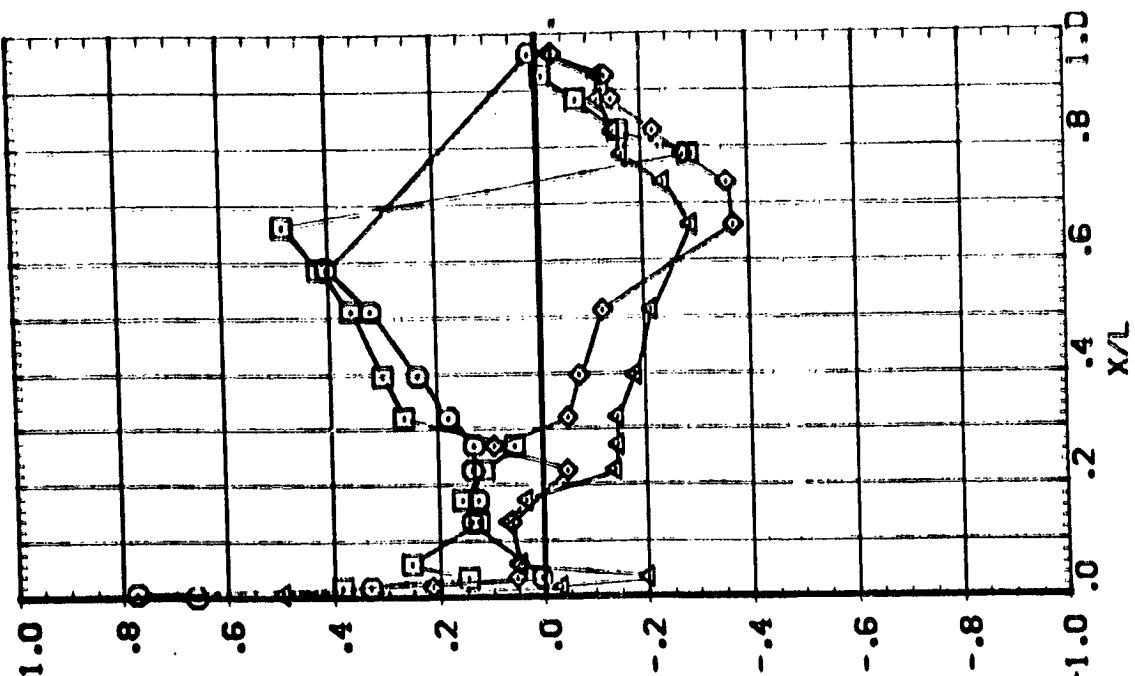


B100507M2F1W87E18V5R531 LEFT FUSELAGE

(R01801)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUOFFL 40.000 FLAP -18.000

SYMBOL  
PHI .000 ALPHA 10.170 BETA -5.040  
40.000 70.000 90.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

(ROLB01)

B:00507Y2F1W87E18VSR5G1 LEFT FUSELAGE

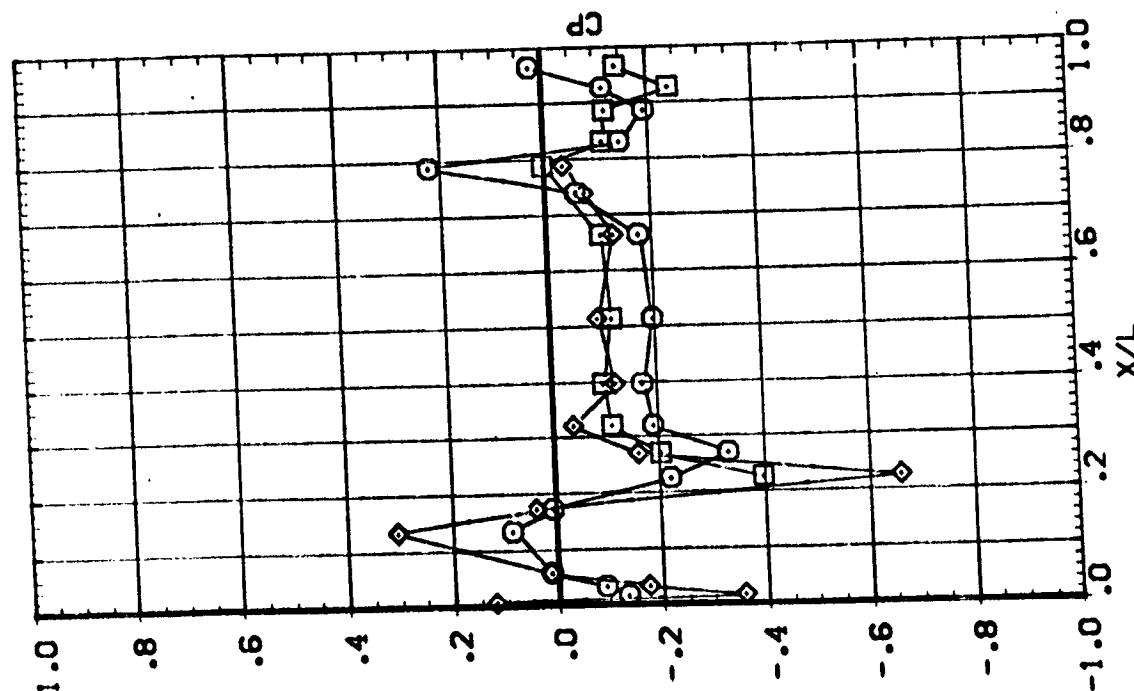
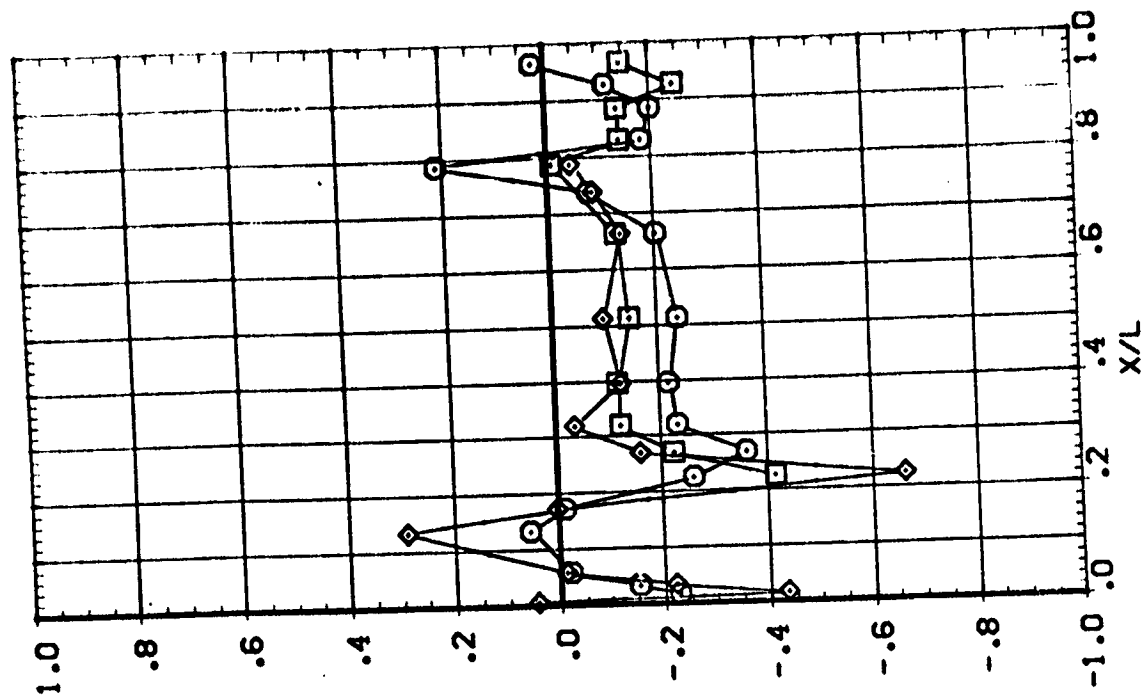
SYMBOL  
 ( )  
 [ ]  
 ◇

PHI  
 120.000  
 165.000  
 180.000

ALPHA  
 10.170  
 12.270

BETA  
 -5.040

PARAMETRIC VALUES  
 .000 RUDER .000  
 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



(RDLB01)

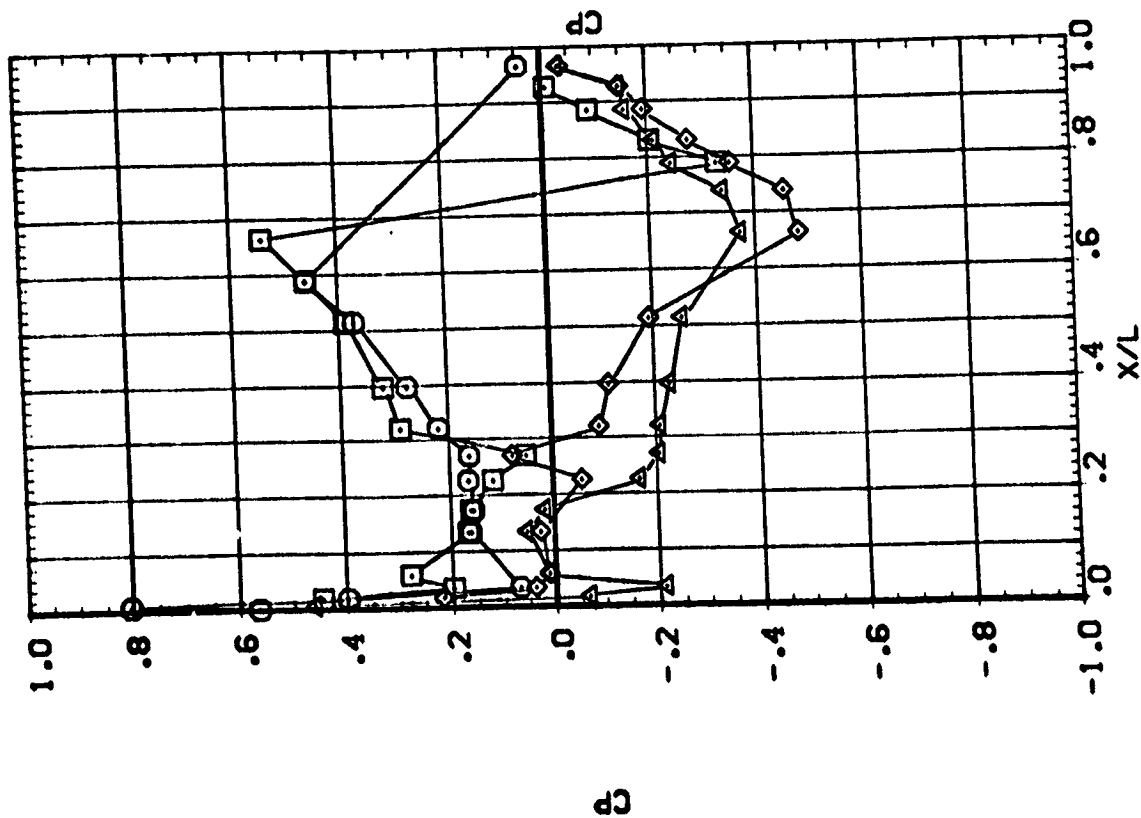
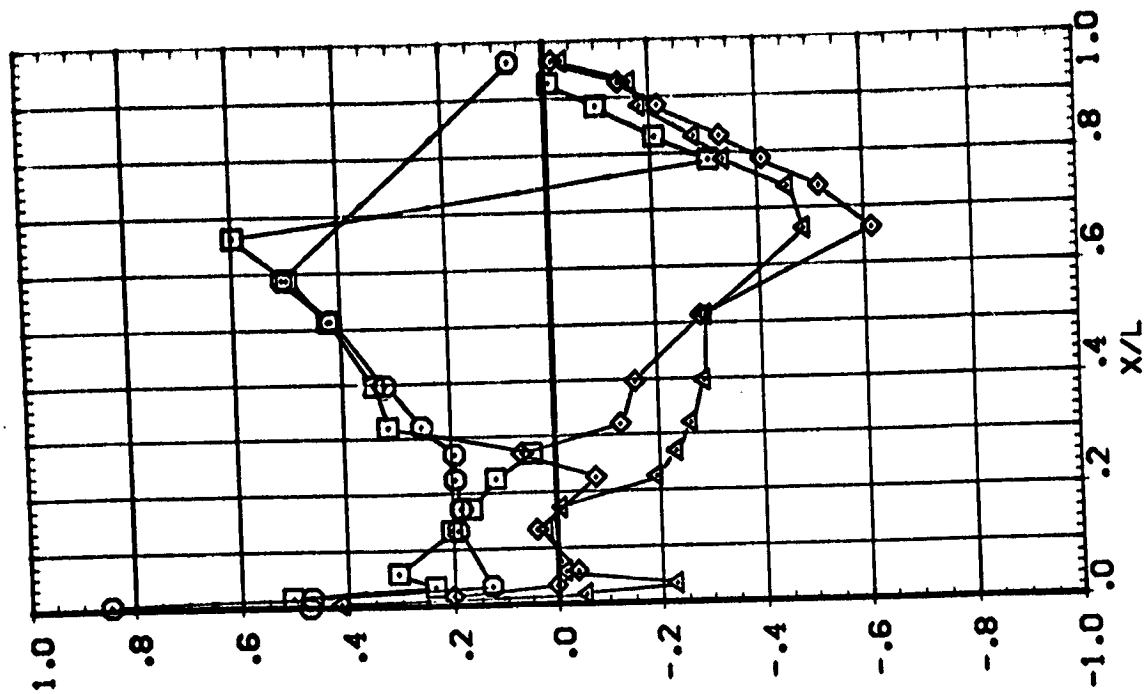
3:00507M2F1W87E18V5R5G: LEFT FUSELAGE

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000

Phi .000 ALPHA 4.250 BETA -5.050  
40.000 70.000 90.000

Symbol

○ □ △



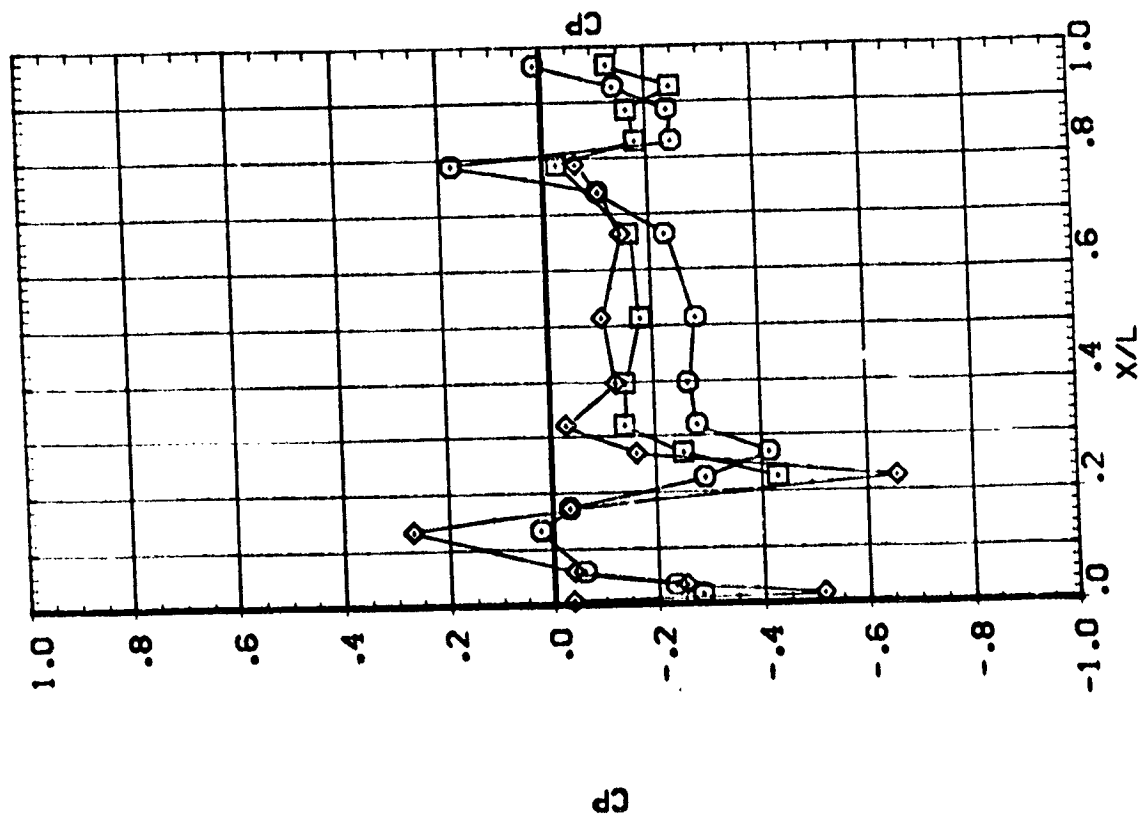
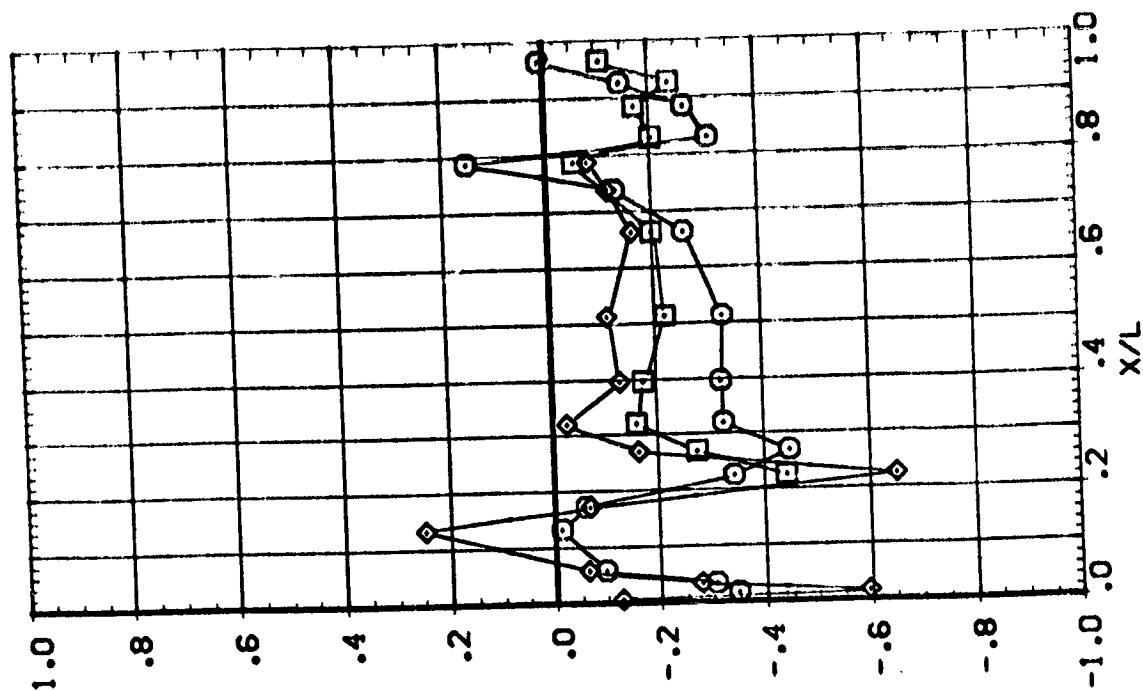
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

3:00507M2:1W87E18VSR5G1 LEFT FUSELAGE

(ROLB01)

SYMBOL:  $\square$   $\circ$   $\diamond$   
 P1: 120.000  
 P2: 155.000  
 P3: 180.000  
 A1-P1: 14.760  
 A2-P2: 16.240  
 BETA: -5.050

PARAMETRIC VALUES  
 ELEVTR 40.000  
 RUOFLE 18.000  
 RUOFLE 18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

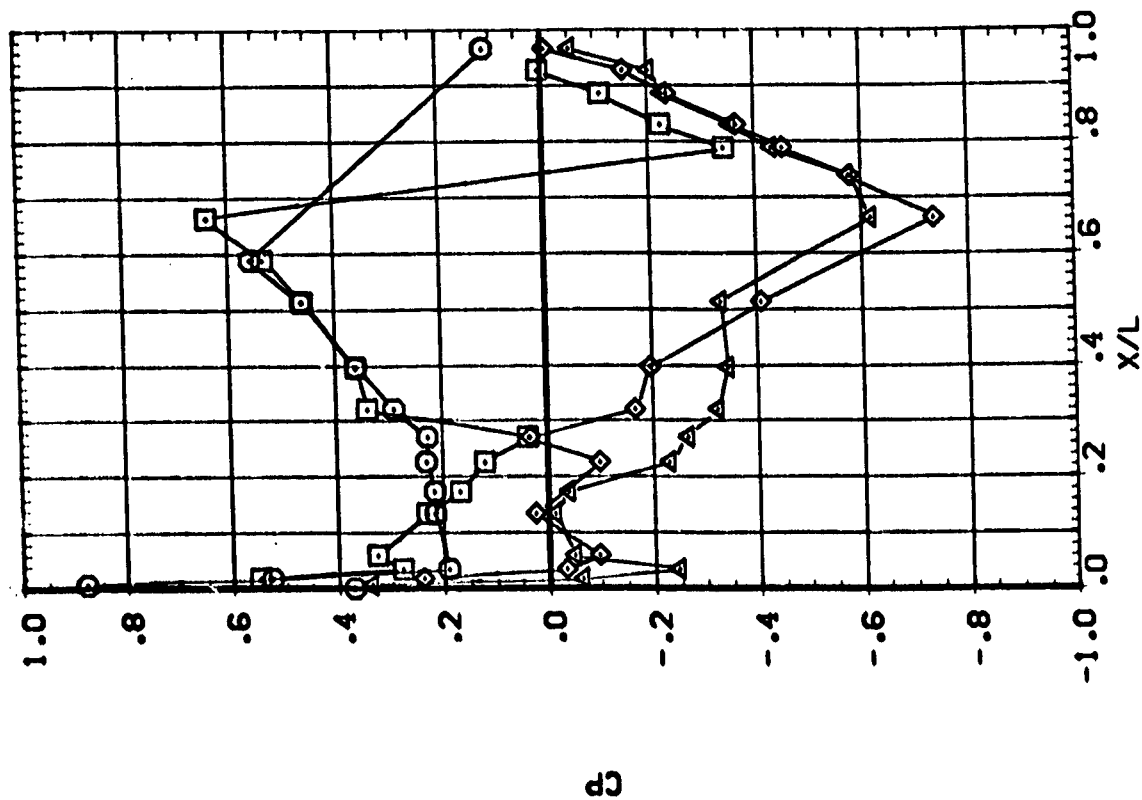


3:00507M2F: A87E:8V5R5G: LEFT FUSELAGE

(RDL801)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFL 40.000 FLAP -10.000

SYMBOL ALPHA BETA  
□ .000 18.310  
◇ 40.000 -5.030  
△ 70.000  
△ 90.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

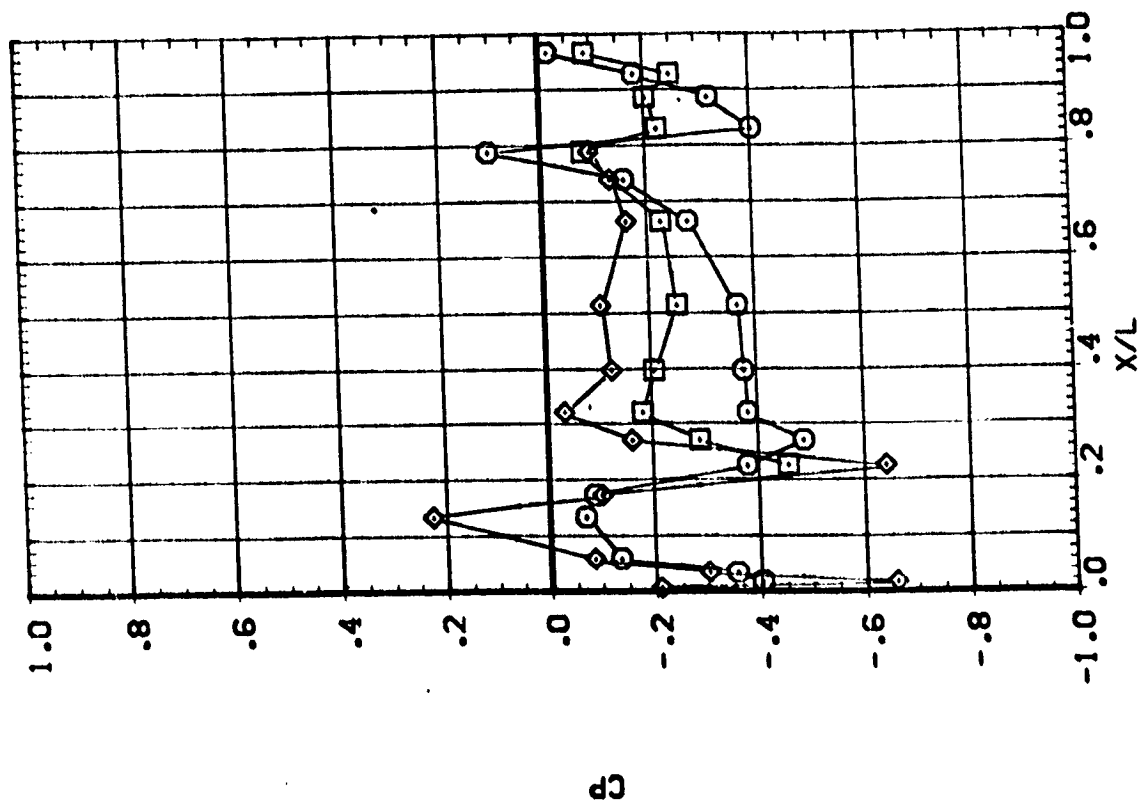
(RDLB01)

B:00507M2E:W87E18V5R5G: LEFT FUSELAGE

SYMBOL  
 120.000  
 165.000  
 180.000

ALPHA BETA  
 18.3:0 -5.030

PARAMETRIC VALUES  
 ELEVTR .000 RUDER .000  
 RUOTLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 70



B100507M2F1W87E18V5R5G1 LEFT FUSELAGE

(RDLB01)

PH1 .000  
 40.000  
 70.000  
 90.000

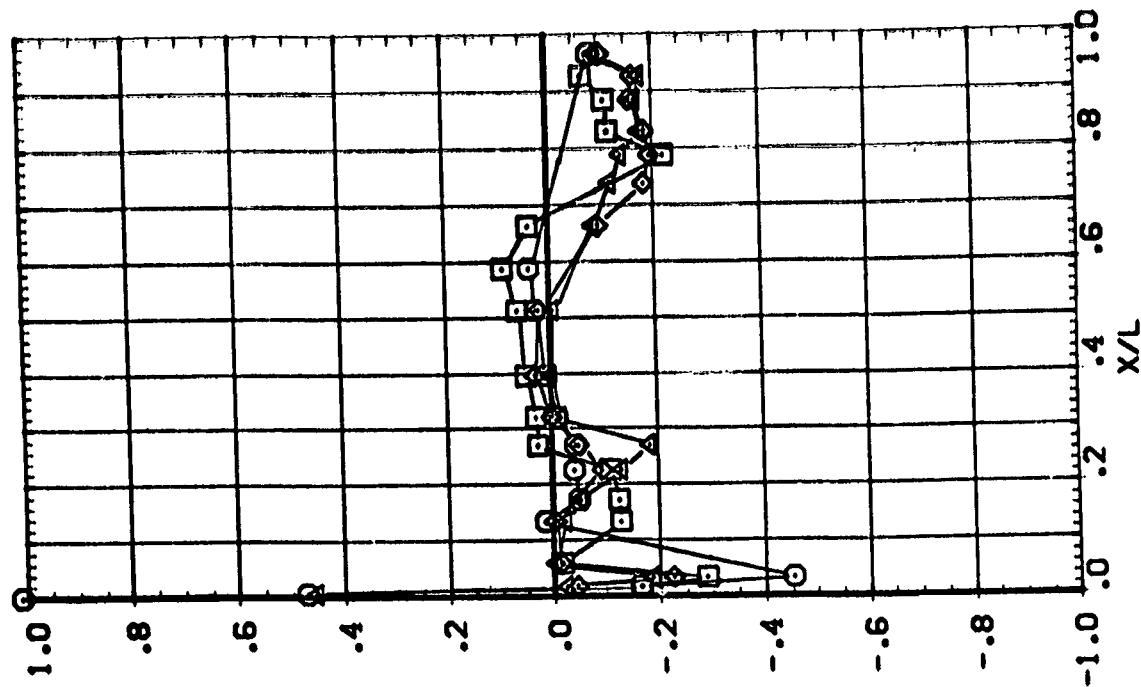
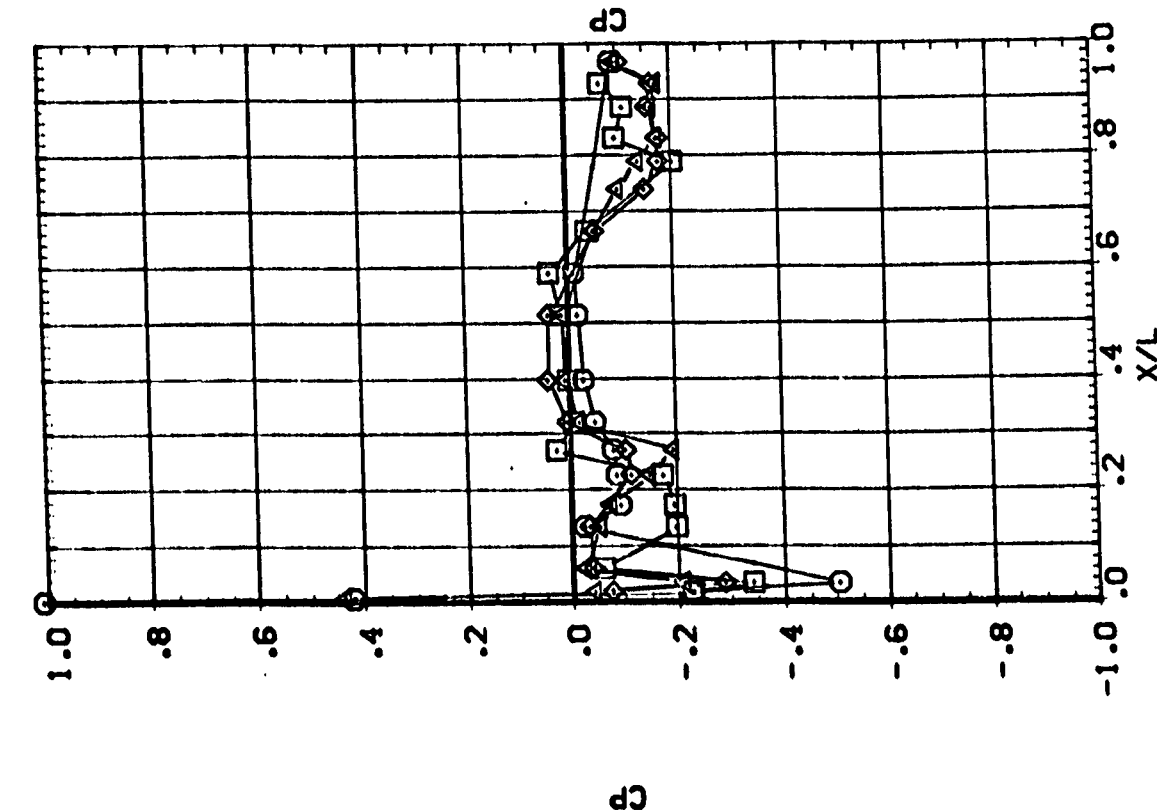
ALPHA -3.040  
 -1.000

BETA .000

SMOO  
 □  
 ◇  
 △

ELEVTR  
 RUDFLR

PARAMETRIC VALUES  
 .000 .000 .000  
 40.000 40.000 40.000  
 RUDER FLAP -10.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



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B:00507V2F:1W87E:8V5R5G: LEFT FUSELAGE

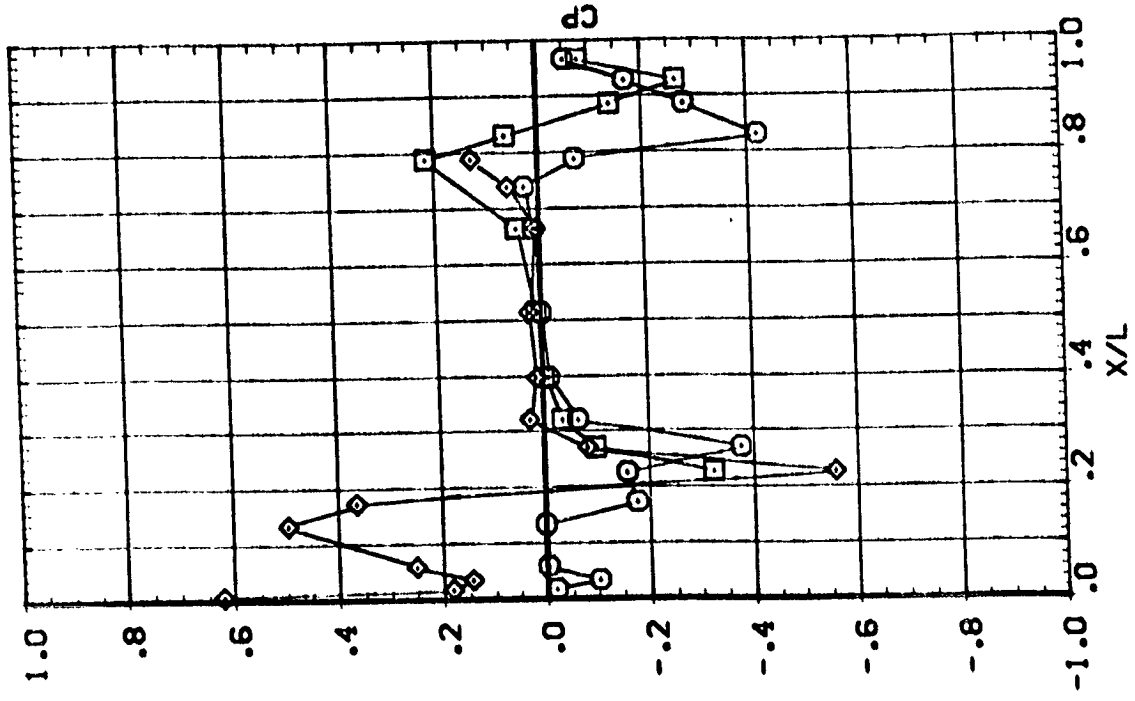
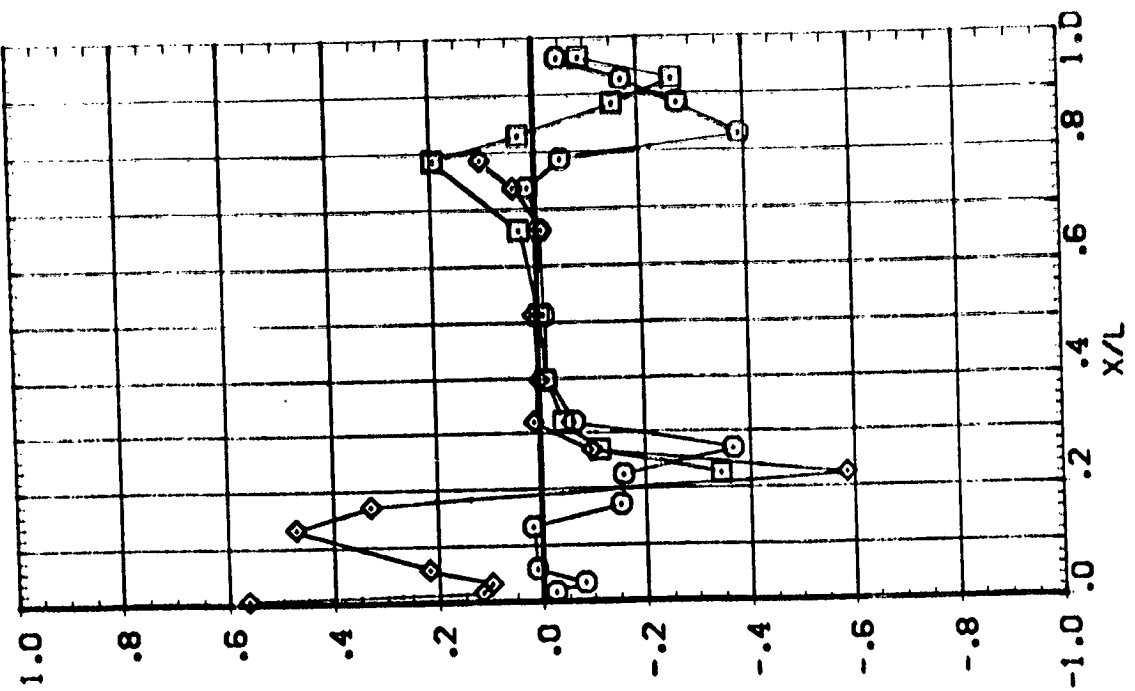
SW80  
O  
O  
O  
O

ALPHA  
-3.040  
-1.000  
-1.000

BETA  
.000

(RDLBC1)

PARAMETRIC VALUES  
ELEVTR 40.000  
RUDDER 18.000  
FLAP .000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
PAGE 72



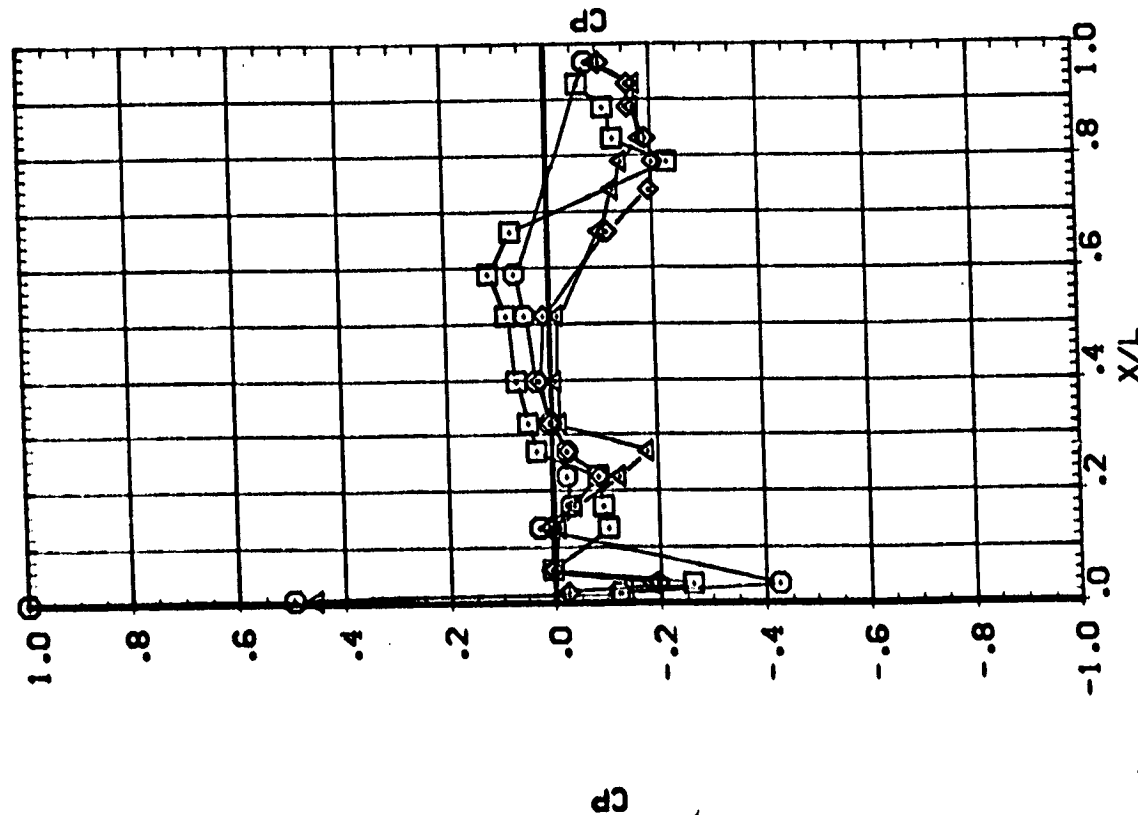
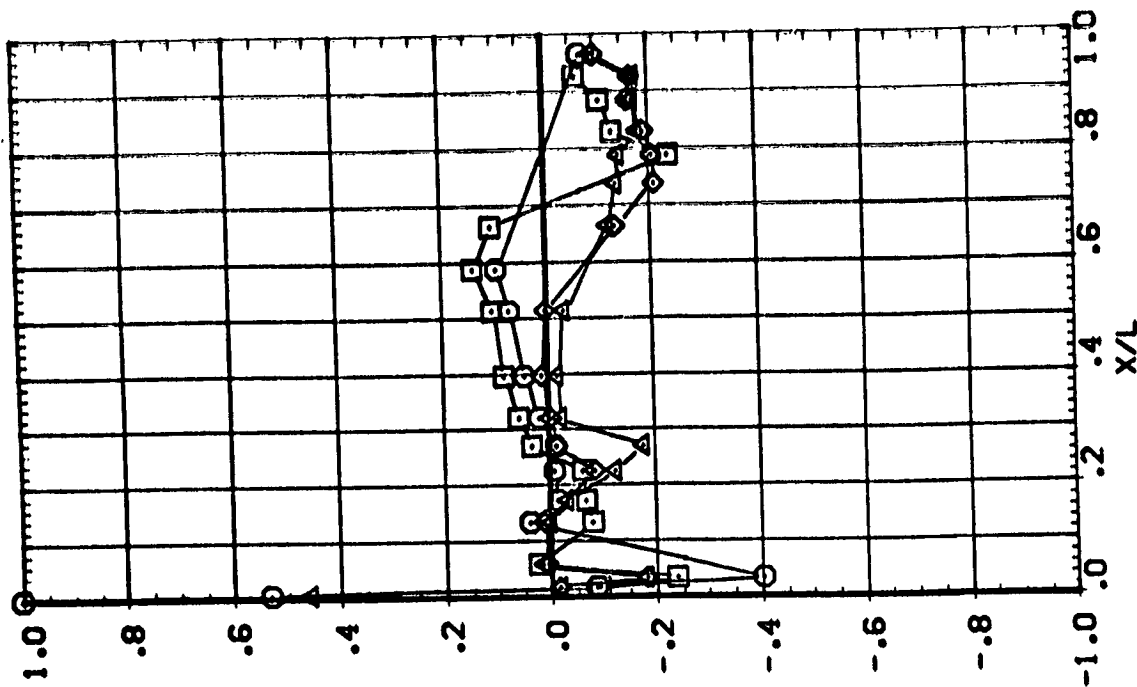
(RDL301)

310C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUOFLR 40.000 FLAP -18.000

SYNQC ALPHA BETA  
0.000 .000 .000  
40.000 .990  
70.000  
90.000

○ □ △



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

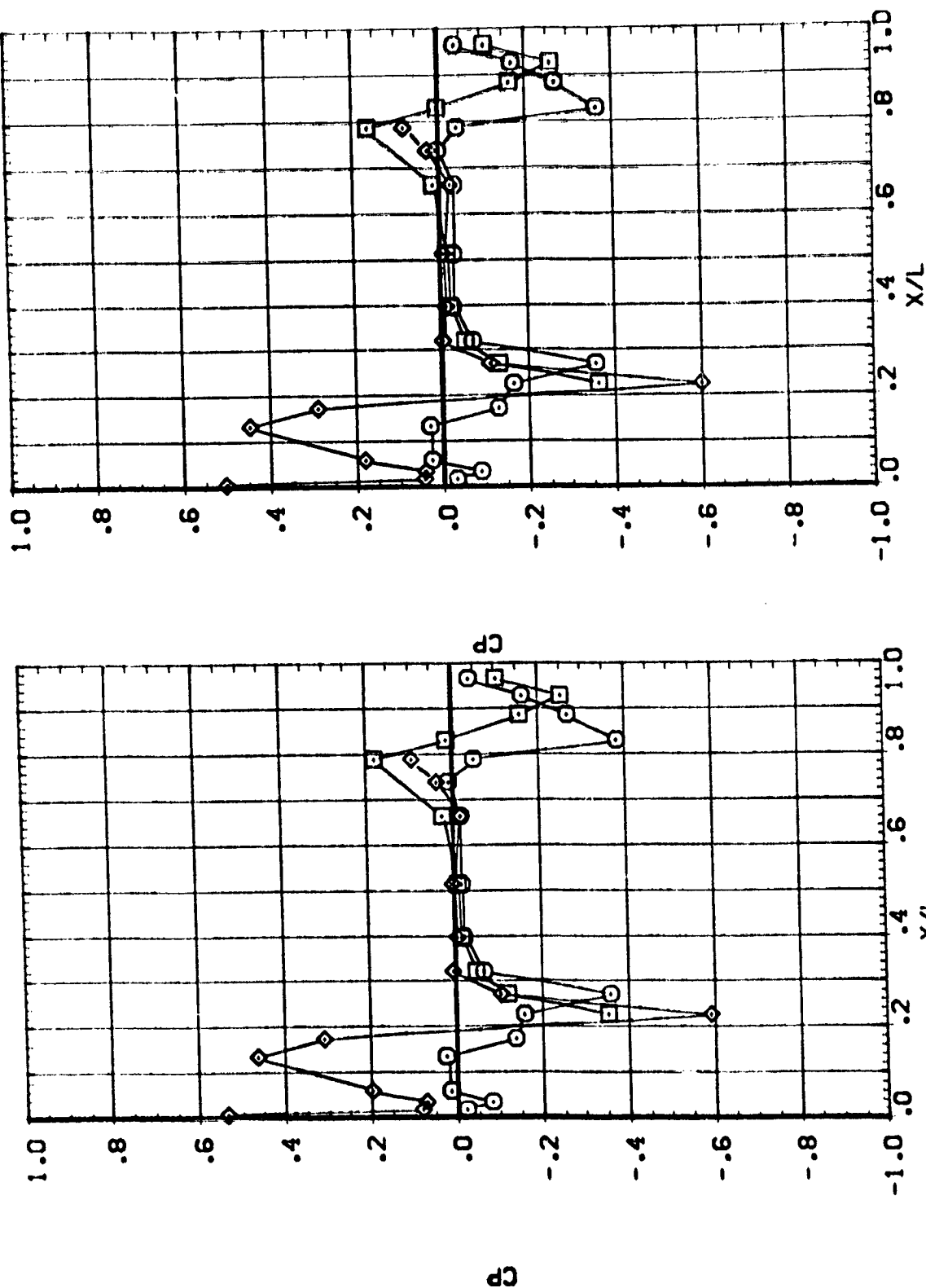
3:00507M2: 1W87E18VSR5G: LEFT FUSELAGE

(RDLBC1)

SYMBOL: 20.000  
165.000  
180.000

ALPHA: .510  
BETA: .000

PARAMETRIC VALUES  
ELEVTR: .000  
RUDDER: .000  
FLAP: -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



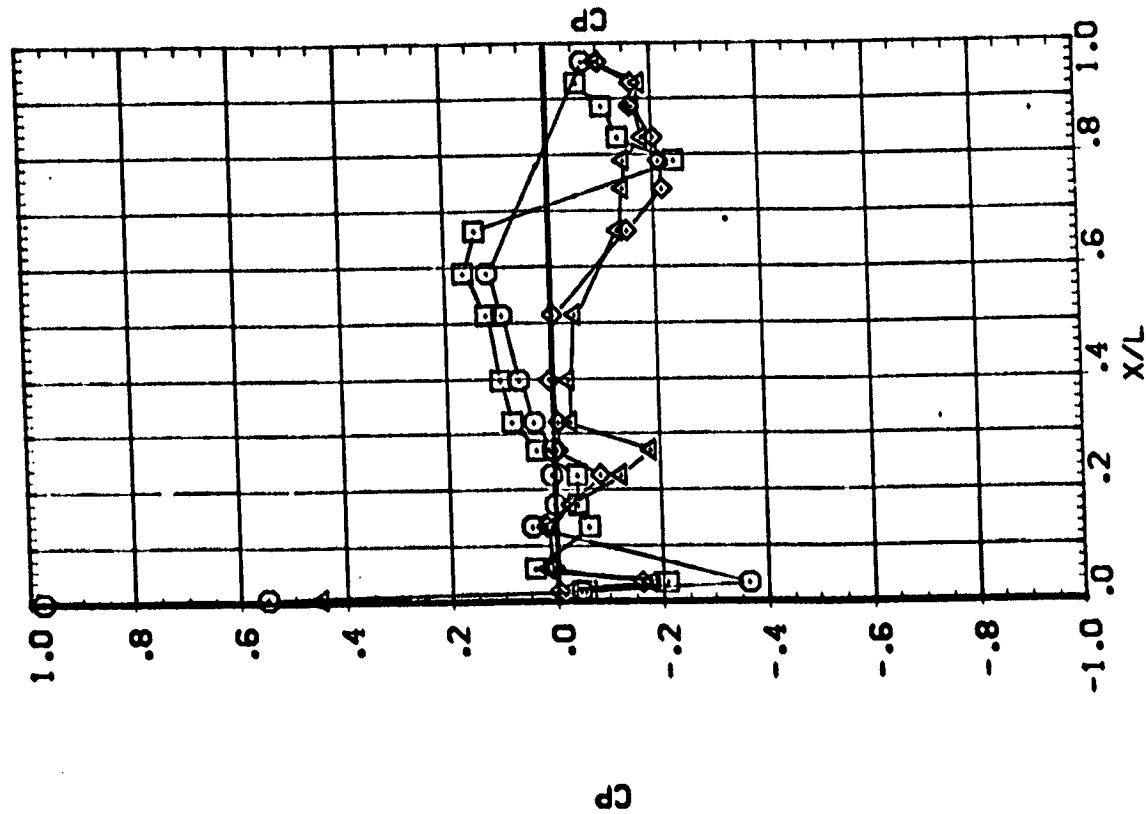
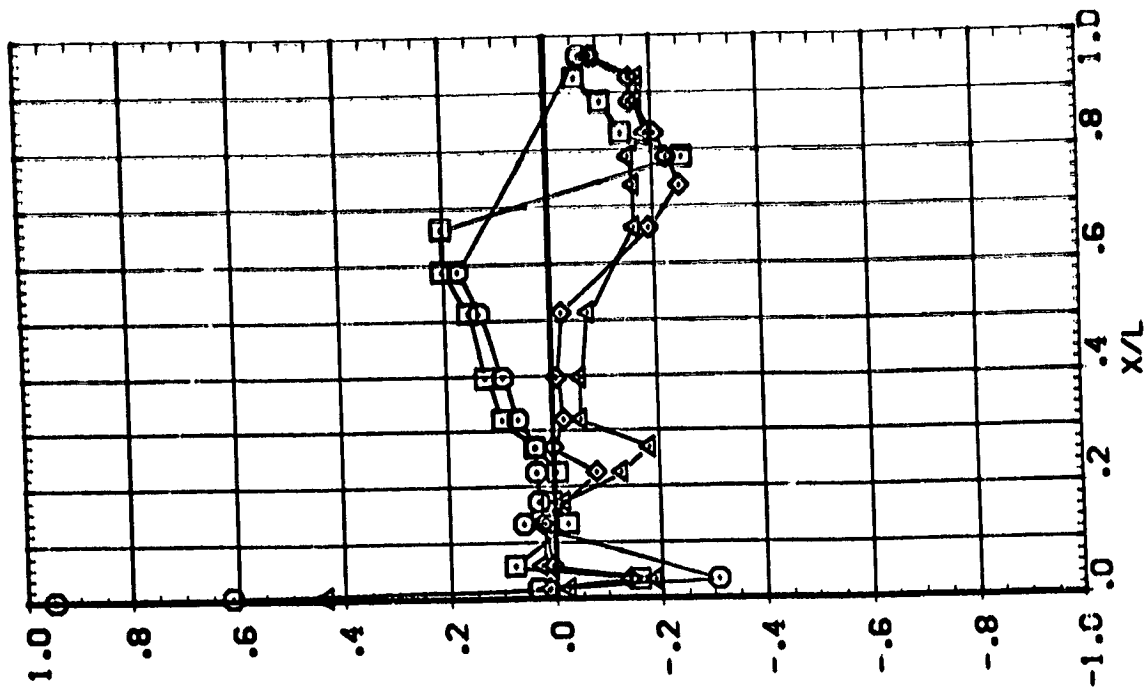
B:00507V2F:W87E18V5R5G: LEFT FUSELAGE

(RDLB01)

PARAMETRIC VALUES  
ELEVTR .000 RUDER .000  
RUDFLR 40.000 FLAP -18.000

PHI ALPHA BETA  
0.000 2.000 .000  
40.000 4.000  
70.000  
90.000

SYMBOL  
□ ◇ △



3:00507M2F1W87E18VSR5G: LEFT FUSELAGE

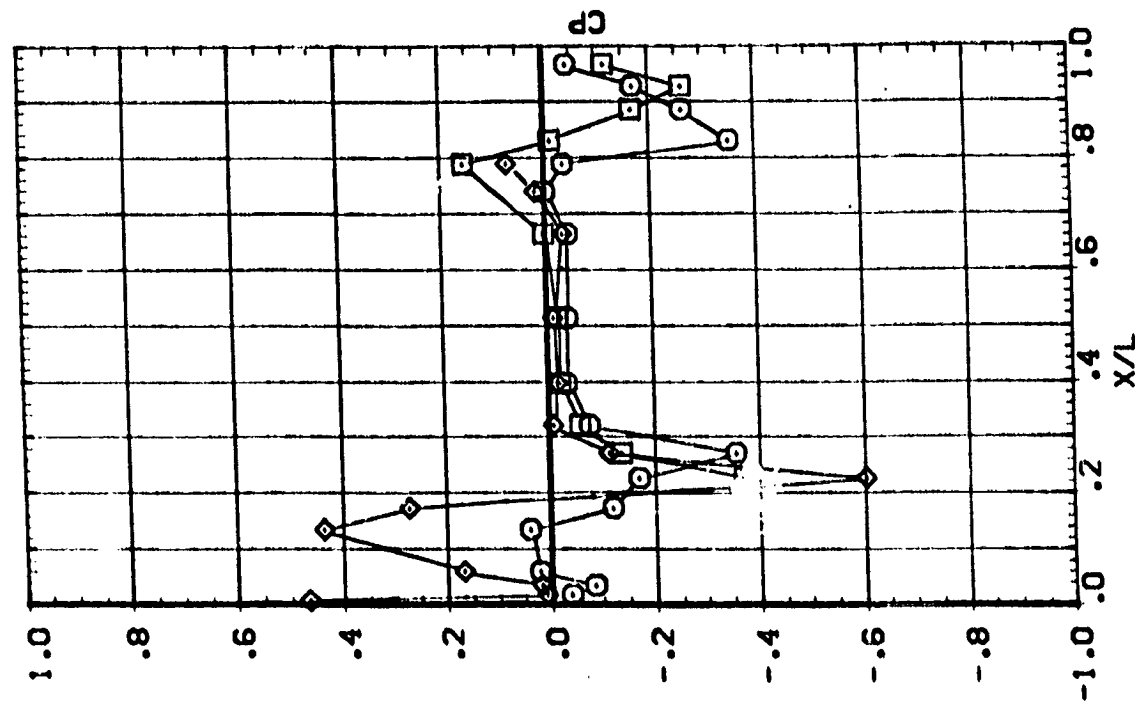
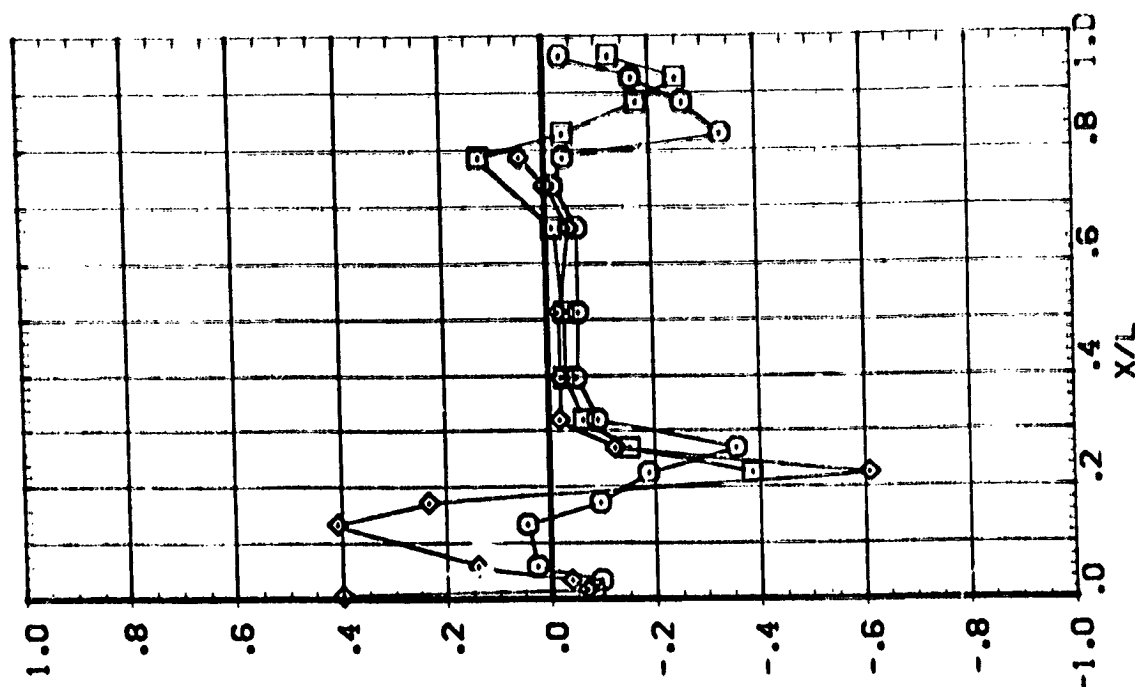
ROLBO:0

SYNCC  
122.000  
155.000  
180.000

ALPHA  
2.03C  
4.03C

BETA  
.000

PARAMETRIC VALUES  
ELEVTR .000  
RUDDER 40.000  
FLIP .000  
-18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



3:005072F:1487E:8V5R5G: LEFT FUSELAGE

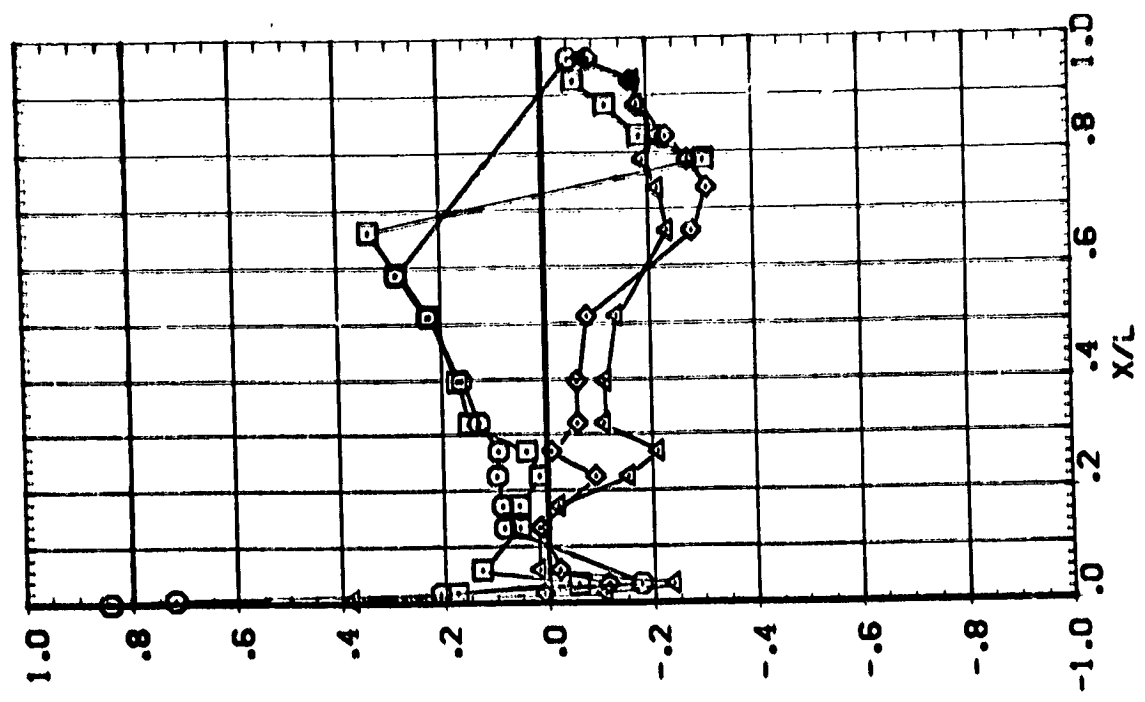
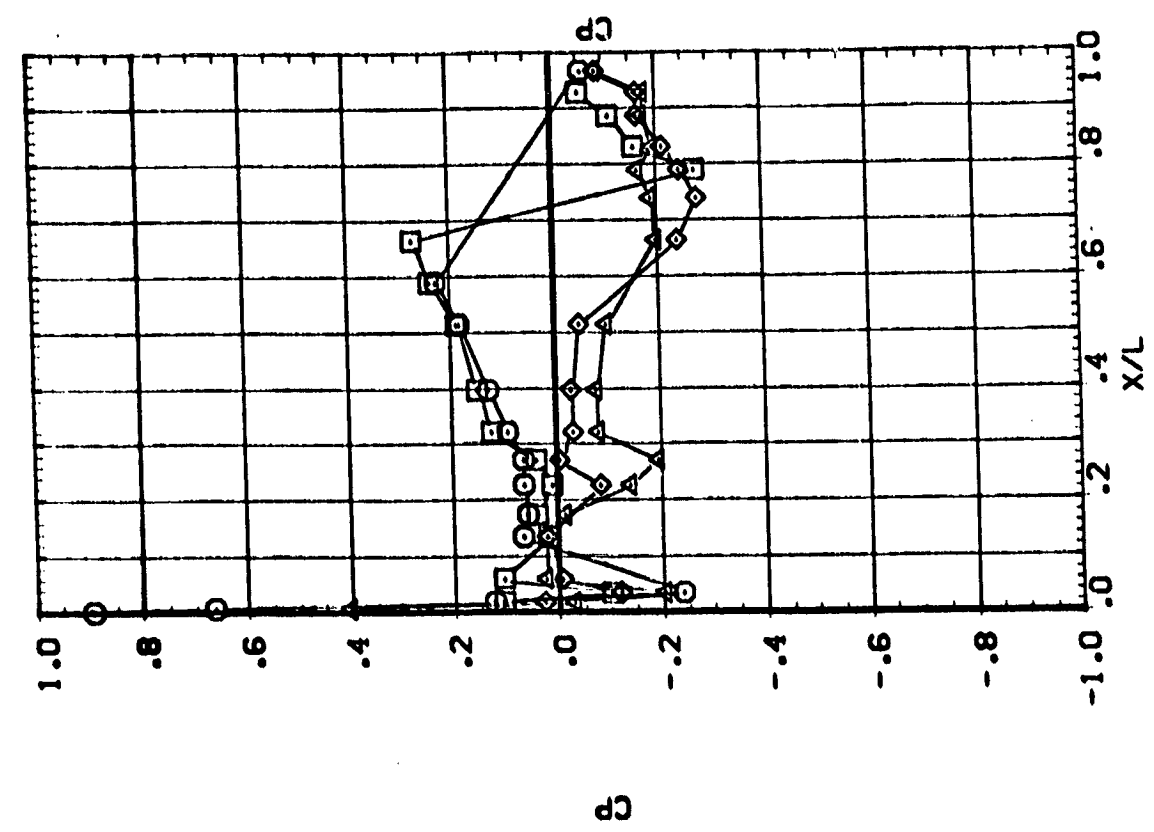
(RDLB01)

SYEC-  
 P-1 .000  
 45.000  
 75.000  
 95.000

ALPHA BETA  
 5.080 .010  
 8.110

○ □ ◇

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUDFLR 45.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

3100507751A87E18/5R50: LEFT FUSELAGE

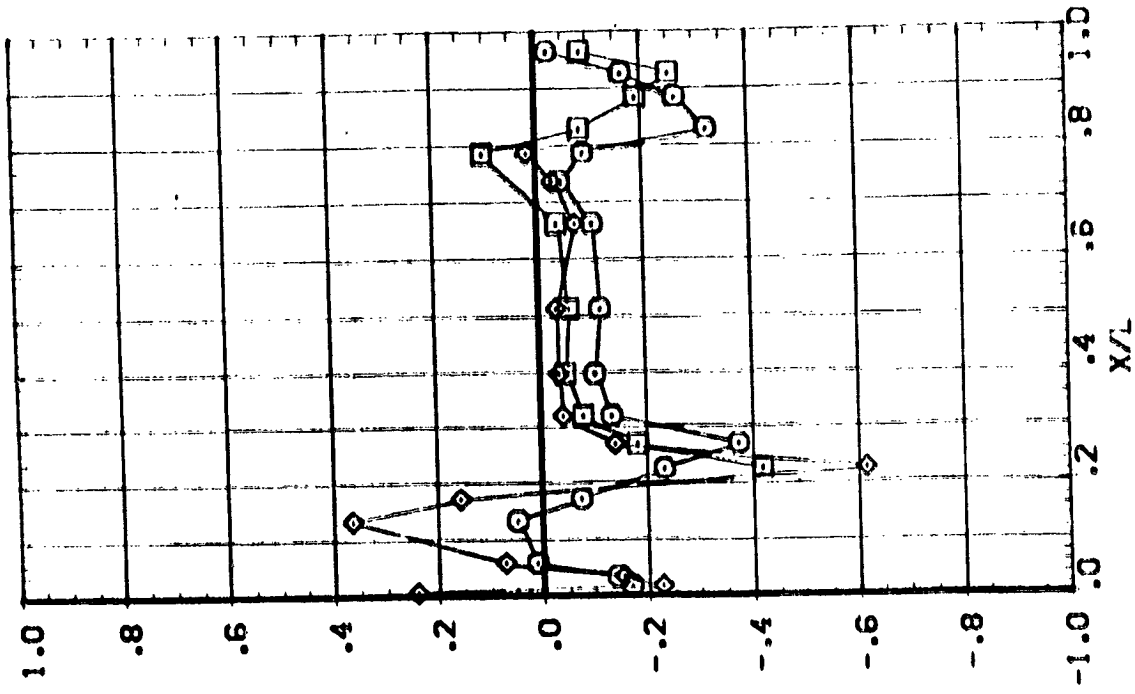
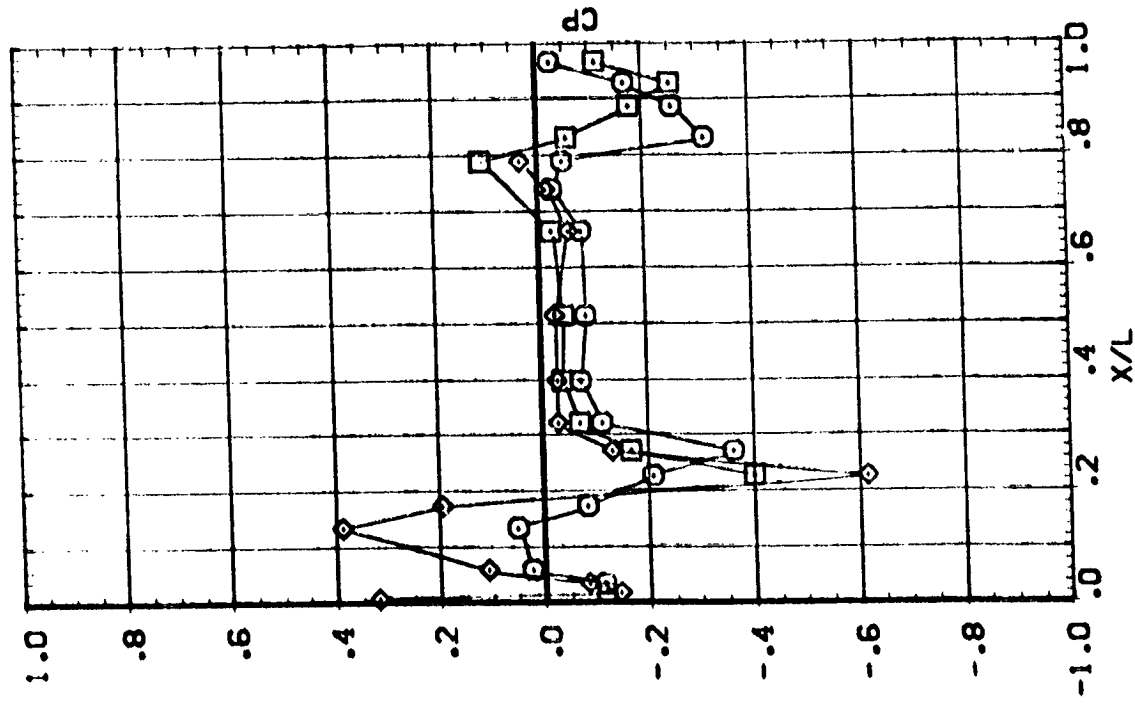
19013000

SV90C  
 120.000  
 165.000  
 180.000

ALPHA 6.380  
 8.110

BETA .010

PIPING VALUES  
 ELEV 1.000  
 RUDD 40.000  
 RUDD 1.000  
 RUDD -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

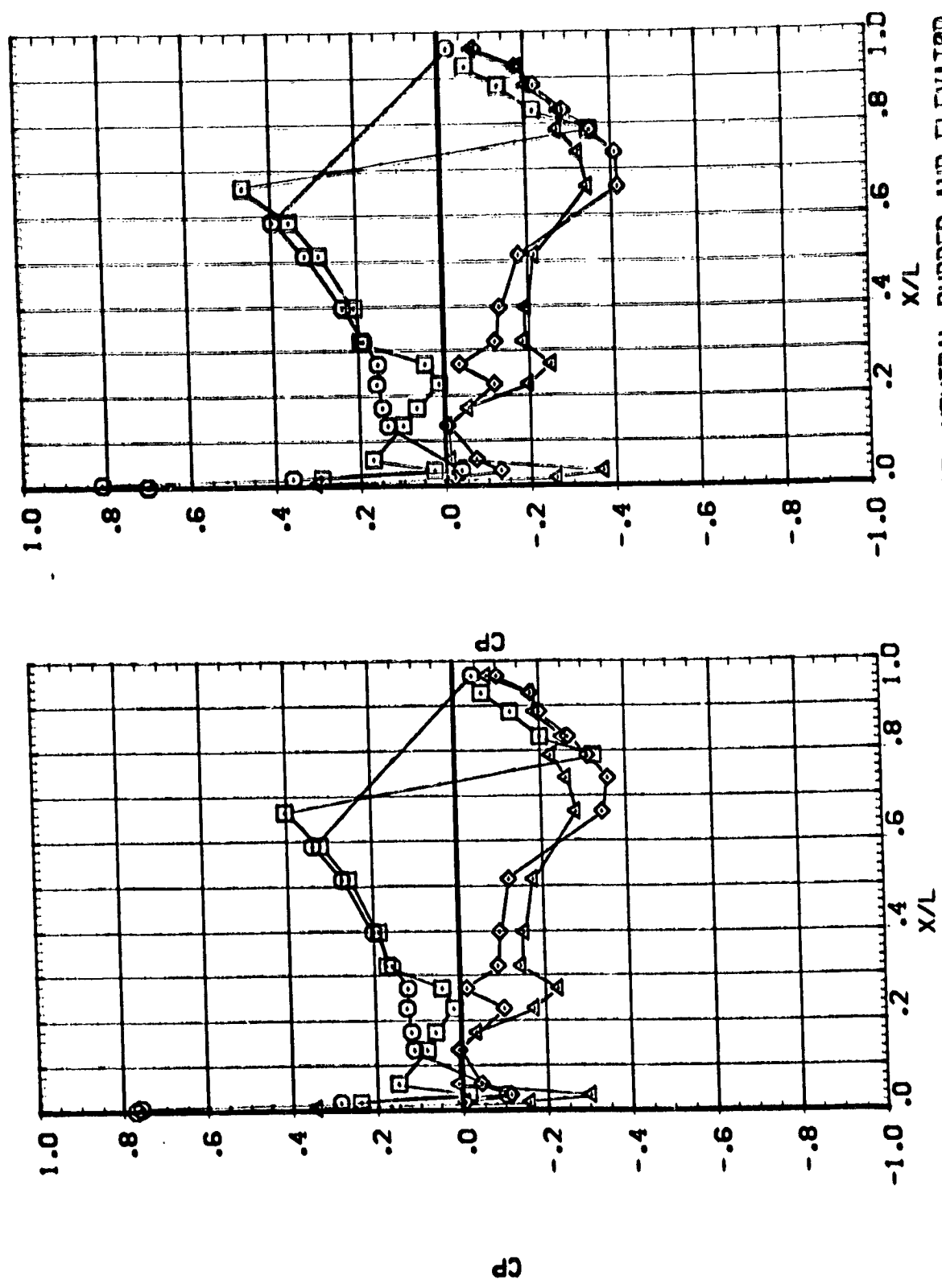


3:00507M2F:W87E:8V5R5G1 LEFT FUSELAGE

(R01B01)

SYMBOL    PHI    ALPHA    BETA    .000    .000  
 O    .000    10.170    .000  
 L    40.000    12.200  
 D    70.000  
 A    90.000

PARAMETRIC VALUES  
 ELEVTR    .000    RUDDER    .000  
 RUDDFLR    40.000    FLAP    -10.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 79



(RDLB01)

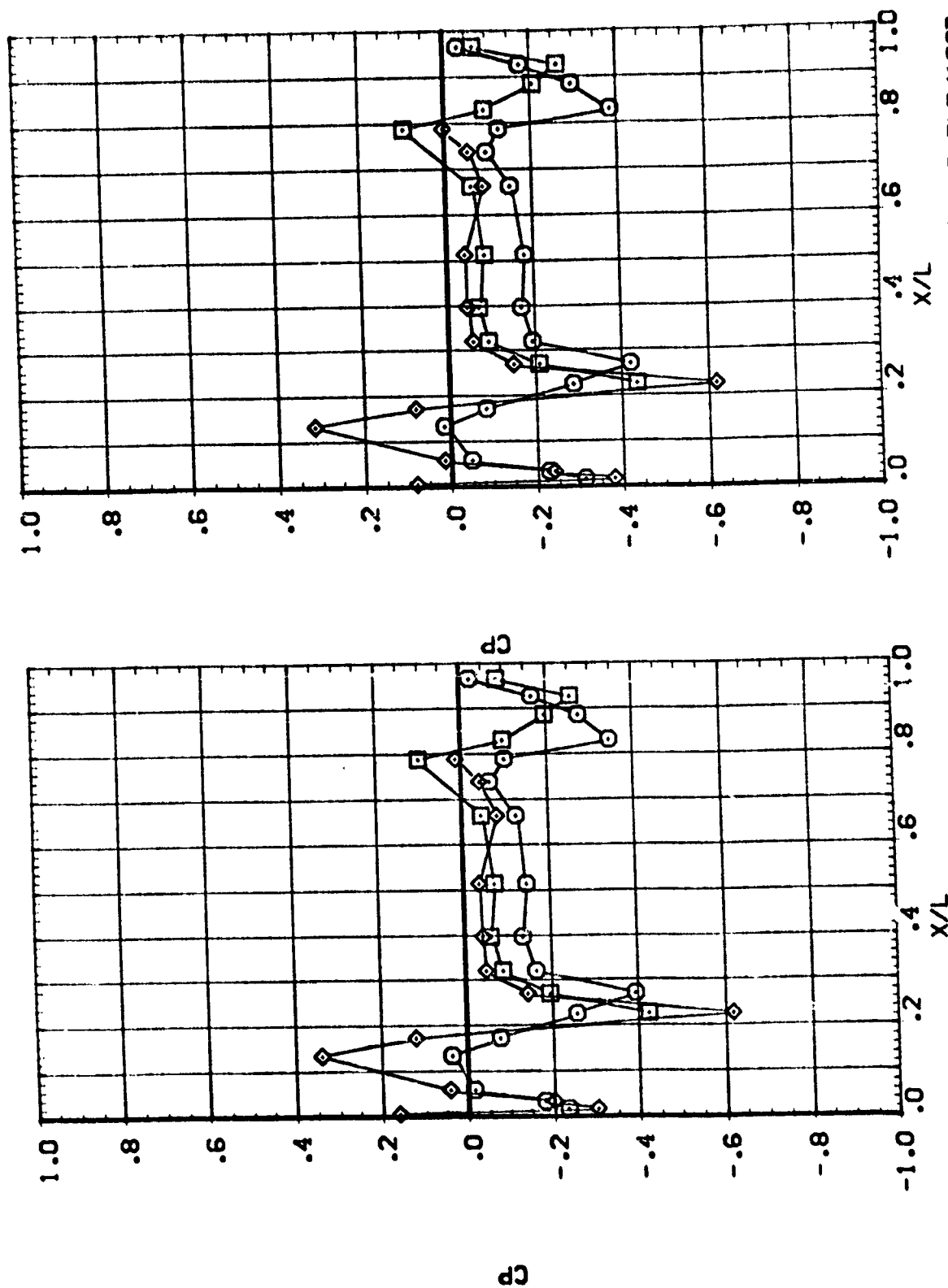
B:00507M2F1W87E18V5R56: LEFT FUSELAGE

SYMBOL  
O  
□  
◇

ALPHA  
10.120  
12.200  
180.000

BETA  
.000

PARAMETRIC VALUES  
ELEVTR .000  
RUDDER 40.000  
FLAP .000  
-18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

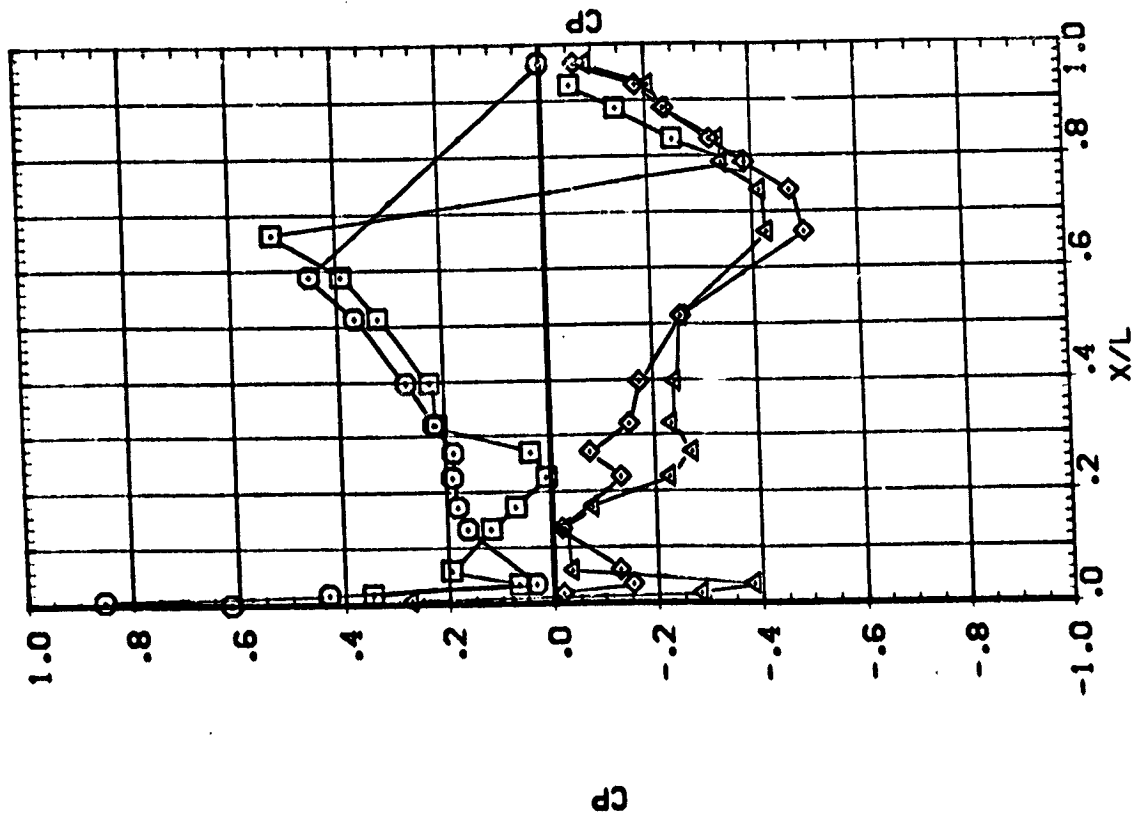
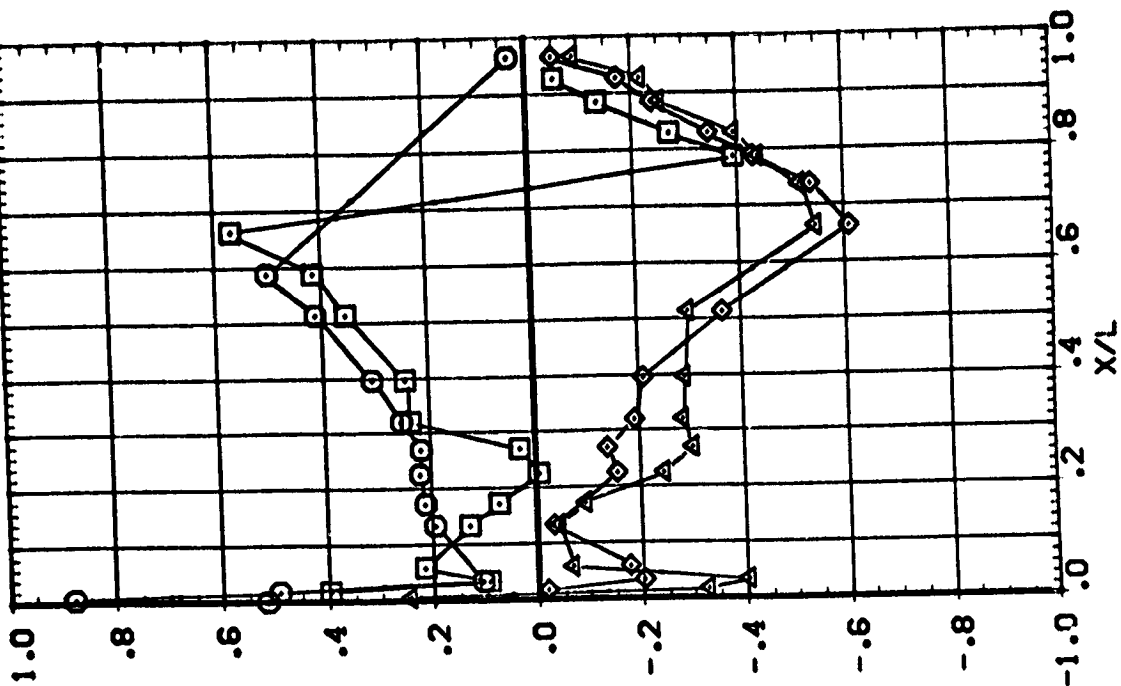


3:00507M2F1W87E18V5R53: LEFT FUSELAGE

(RDLB01)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000

SYMBOL ALPHA BETA  
O .000 .000  
□ 40.000 .000  
◇ 70.000 .000  
△ 90.000 .000



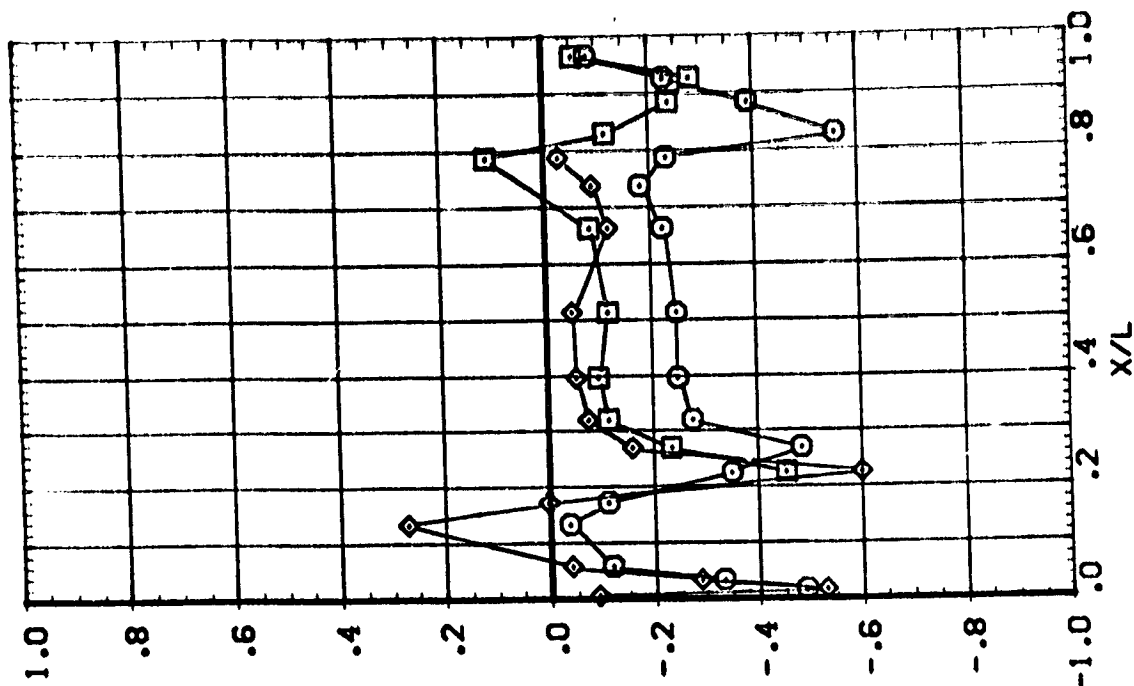
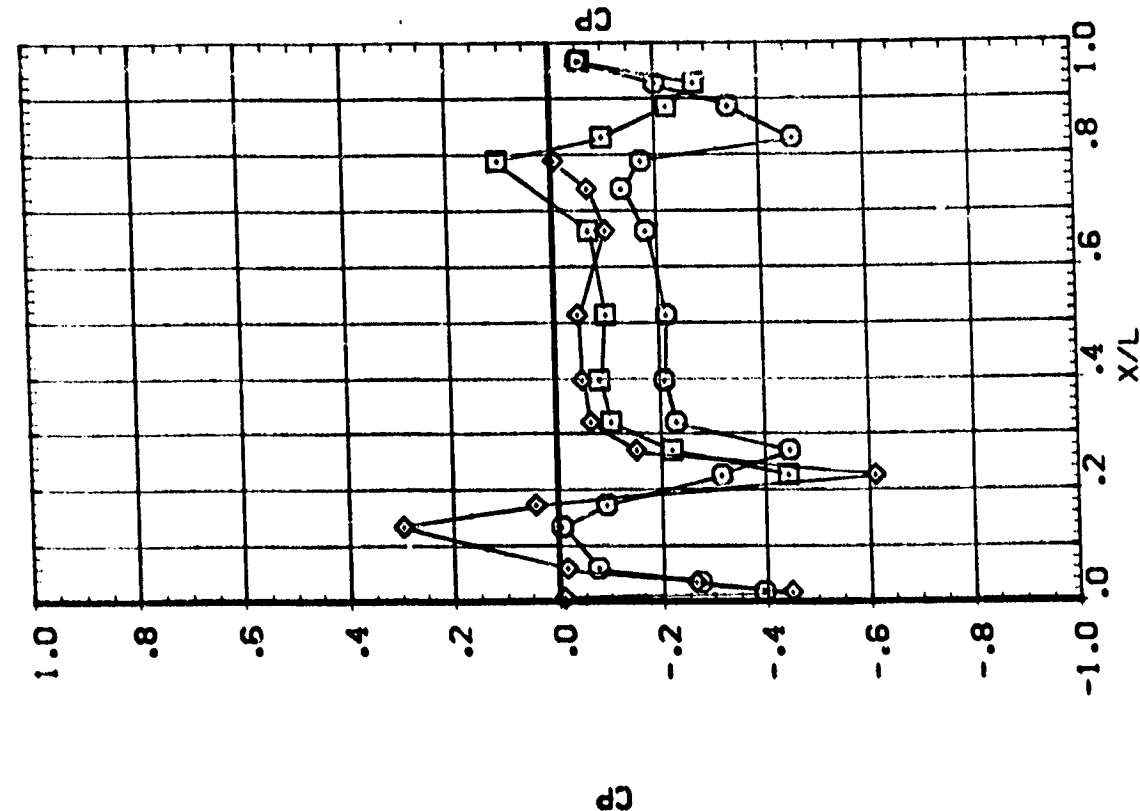
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

B:CC507M2F:W87E:8VSR55: LEFT FUSELAGE

(RDLB01)

SYMBOL:  $\square$   $\diamond$   
 PWT: 120.000  
 ALPWA: 14.240  
 BETA: .000  
 165.000  
 180.000

PARAMETRIC VALUES  
 ELEVTR: .000  
 RUDDER: .000  
 RUDDLR: 40.000  
 FLAP: -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

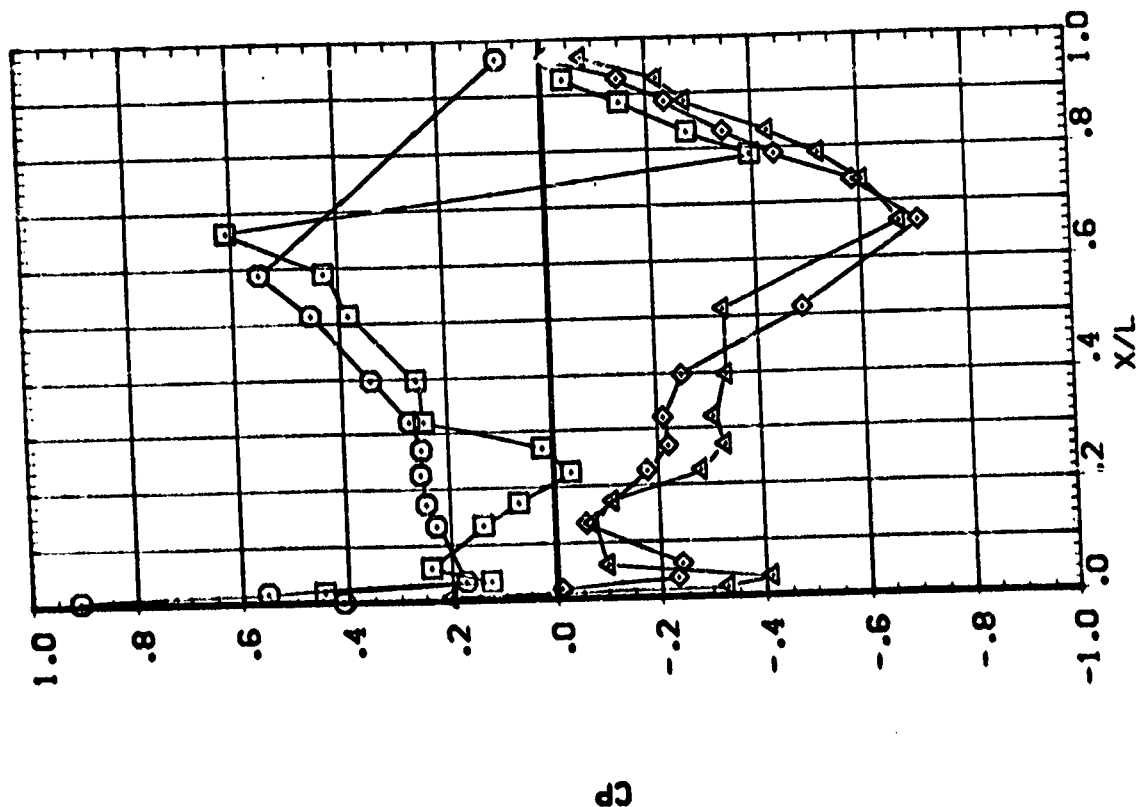


3:CC5D7M2F1W87E:8VSR5G: LEFT FUSELAGE

(RDLB01)

SYMBOL    ALPHA    BETA  
 ○    .000    .000  
 □    40.000    .000  
 ◇    70.000    .000  
 △    90.000    .000

PARAMETRIC VALUES  
 ELEVTR    .000    RUDER    .000  
 RUDFLR    40.000    FLAP    -10.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

(RDLB01)

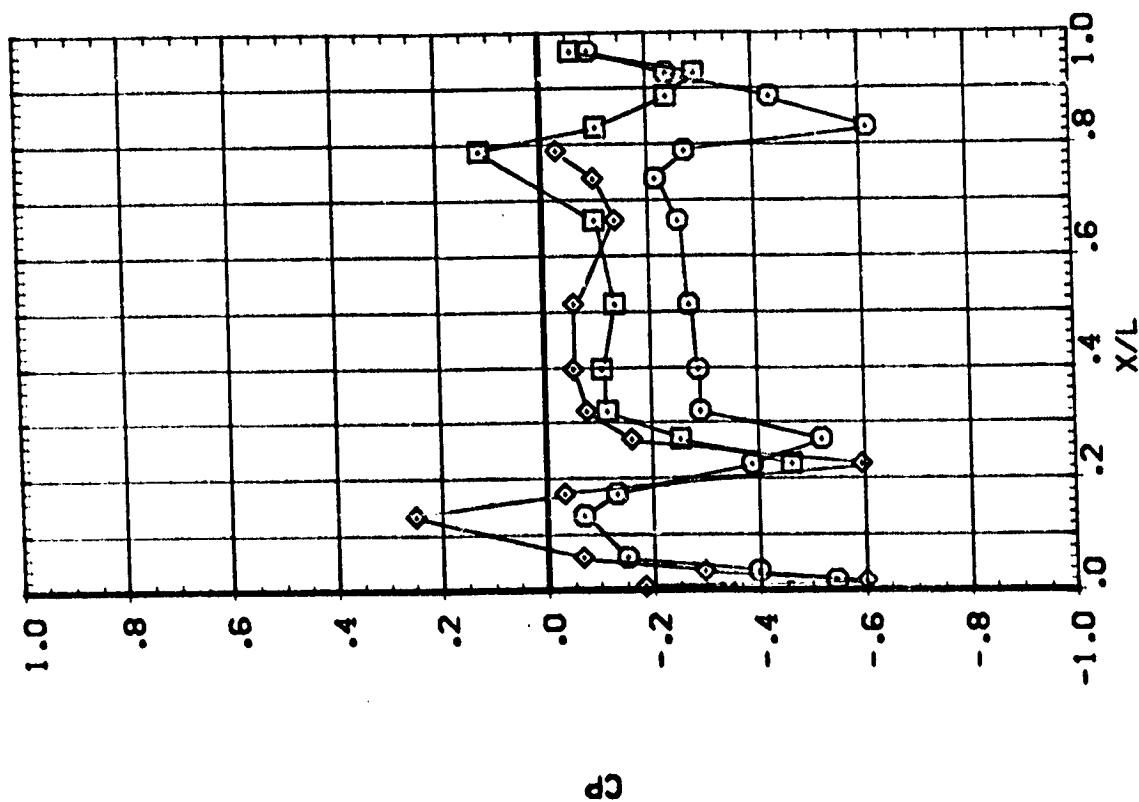
3:00507V2F:W87E:8VSR5G: LEFT FUSELAGE

SYMBOL  
O  
◇

ALPHA  
:20.000  
:65.000  
:80.000

BETA  
:18.300  
:0.000

PARAMETRIC VALUES  
ELEVTR  
RUDFLR  
RUDER  
FLAP  
.000  
40.000  
.000  
-18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

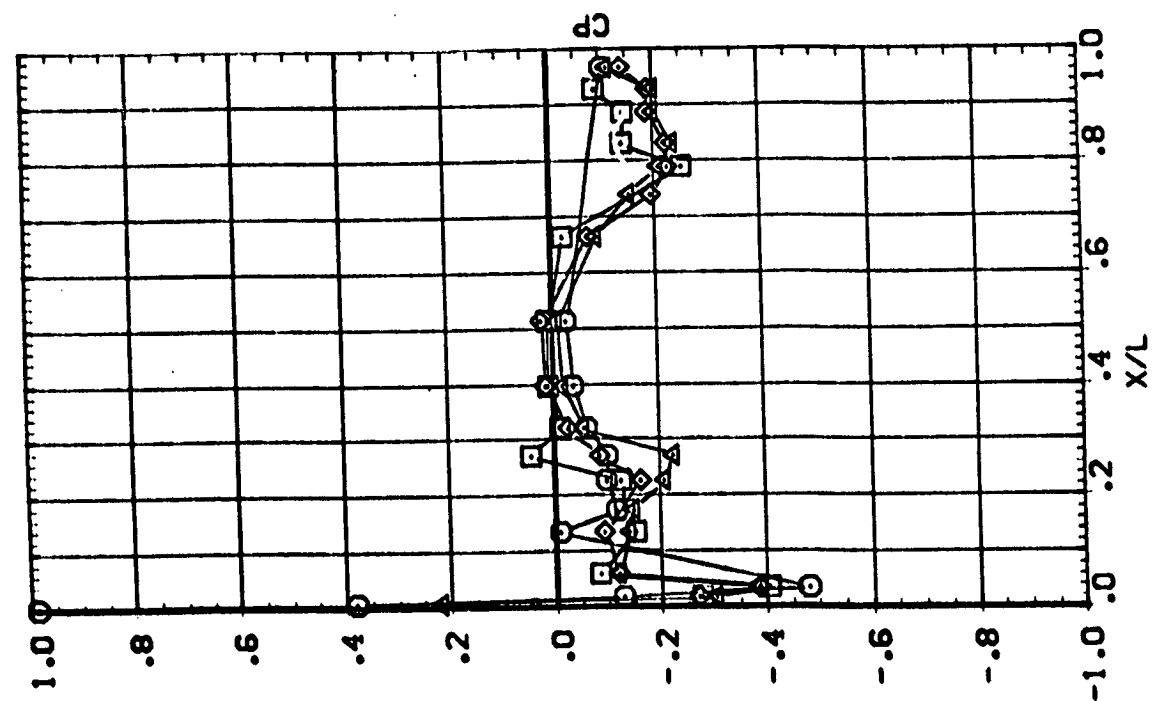
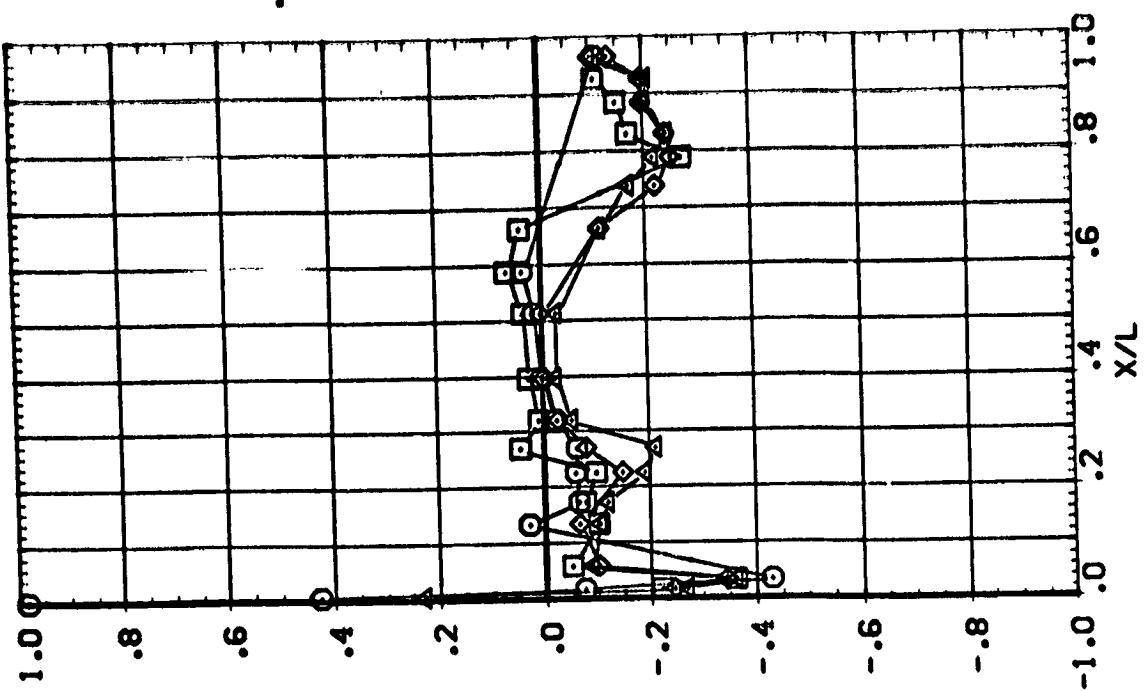


B:00507M2F1W87E:8V5R5G: LEFT FUSELAGE

(RDLB01)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUOFLR 40.000 FLAP -10.000

SYMBOL ALPHA BETA  
O .000 -3.030 5.000  
□ 40.000 -1.010  
◇ 70.000  
△ 90.000



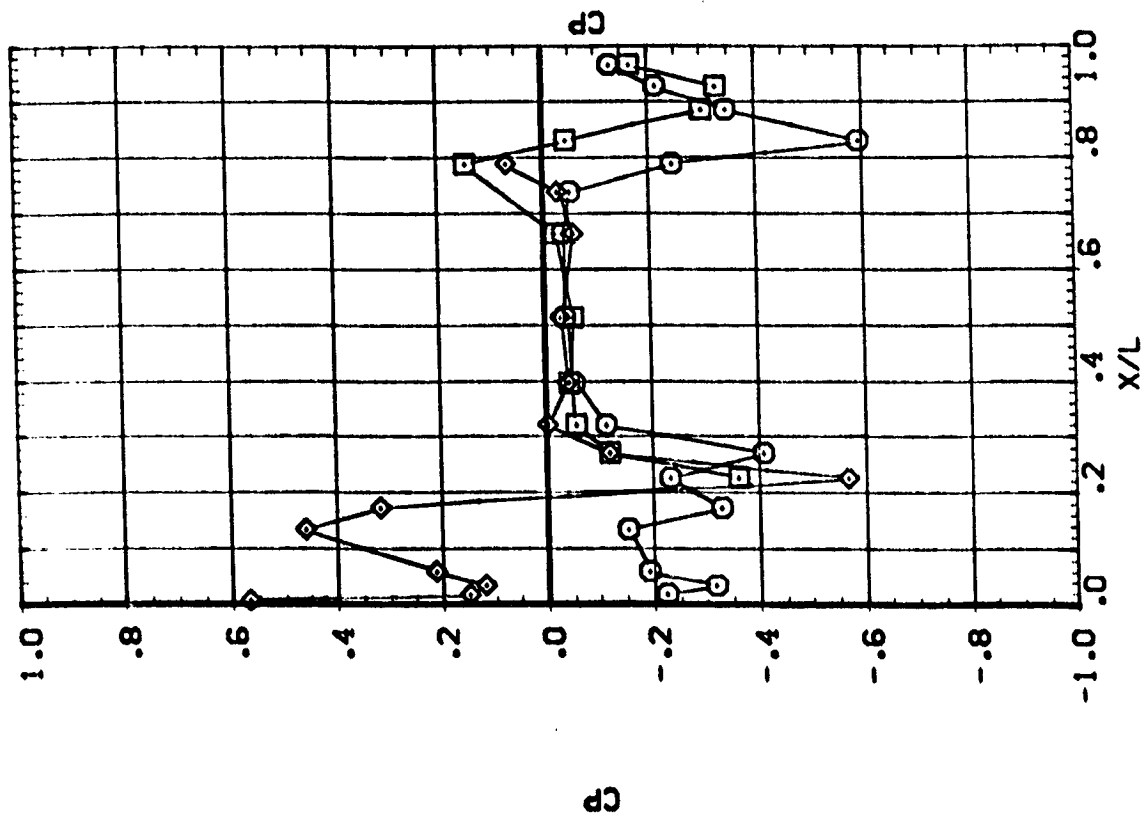
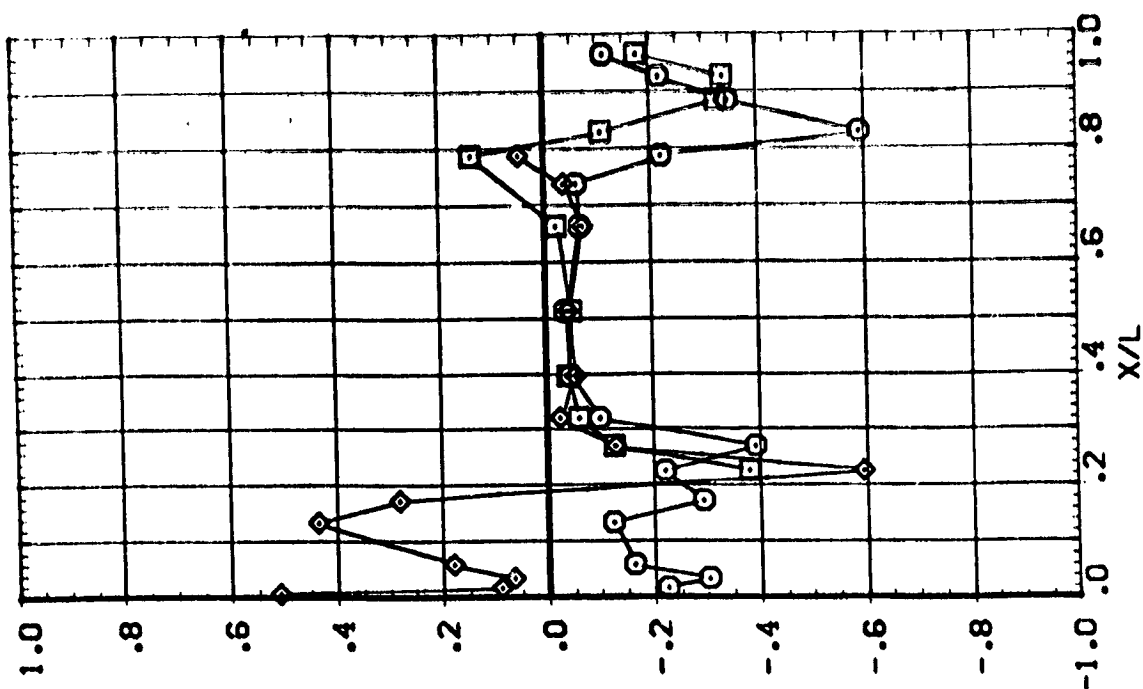
(RDLB01)

3:005072F:187E:18.5R5G: LEFT FUSELAGE

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUOFLR 40.000 FLAP -18.000

SYMBOL  
120.000  
165.000  
180.000

ALPHA -3.000  
BETA 5.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



B:00507M2F:W87E18V5R55G: LEFT FUSELAGE

(RDLB01)

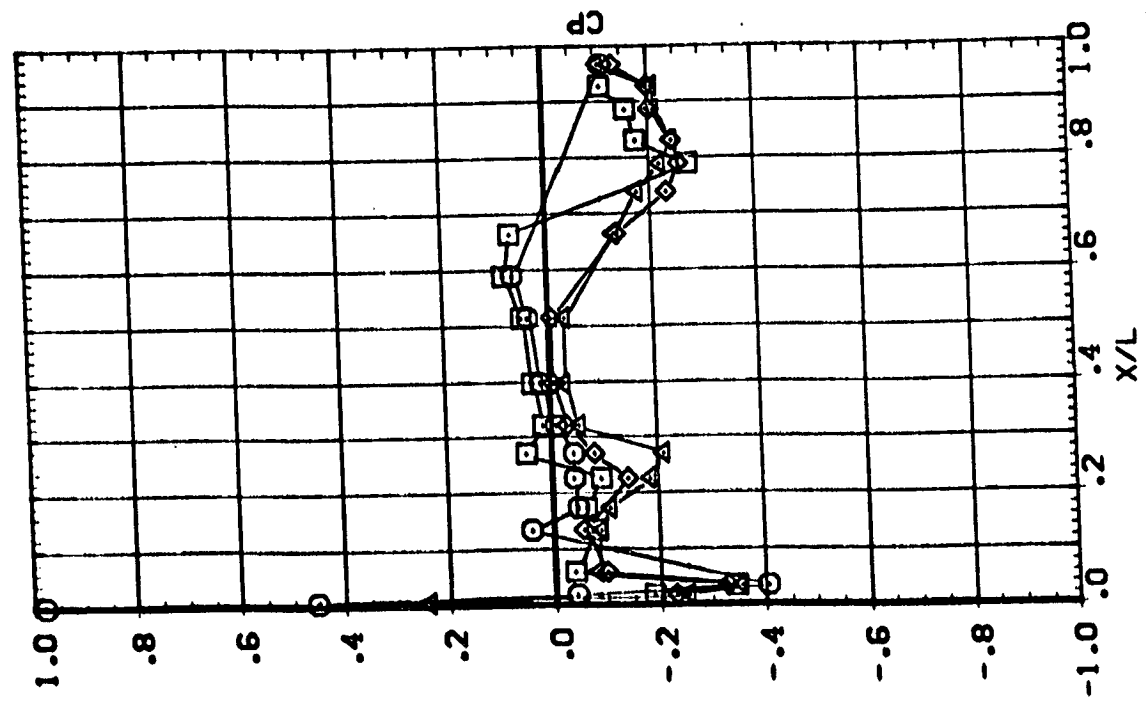
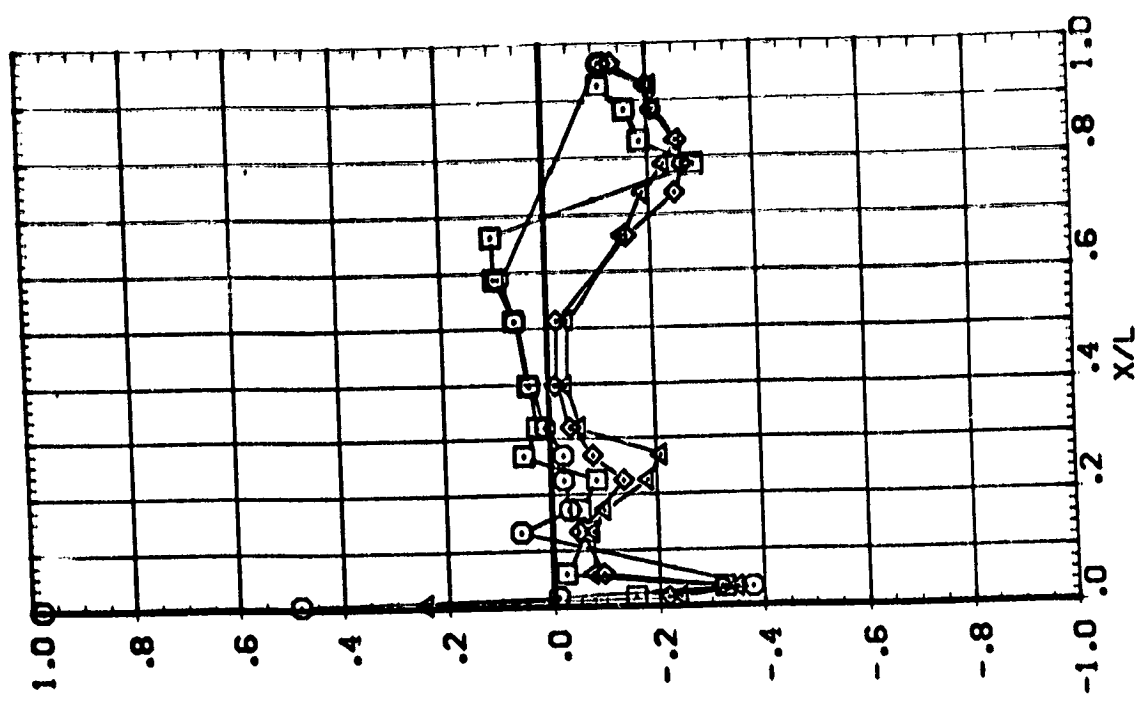
PARAMETRIC VALUES  
 .000 .000 .000  
 ELEVTR RUDDER FLAP  
 40.000 40.000 -10.000

SYMBOL  
 O  
 □  
 ◇  
 △

PHI .000  
 40.000  
 70.000  
 90.000

ALPHA .010  
 .990

BETA 5.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. NEUTRAL RUDDER AND ELEVATOR



B:CC5D7M2:1A87E18VSP5G: LEFT FUSELAGE

SYNDC  
O  
I  
◇

PA: 170.000  
165.000  
180.000

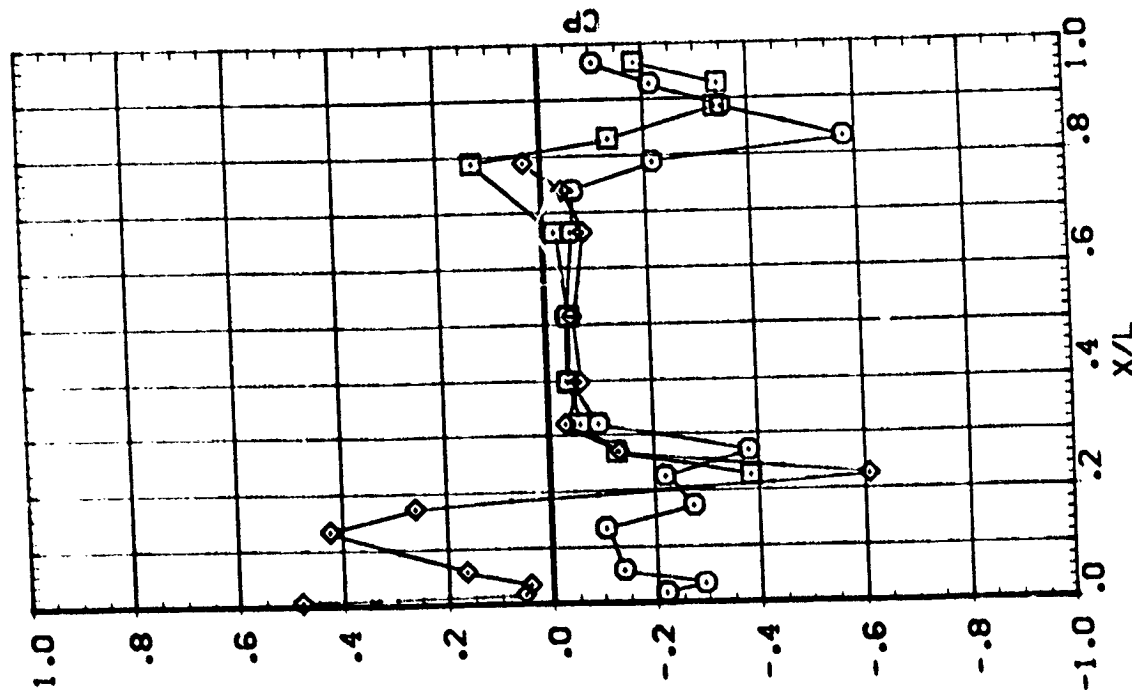
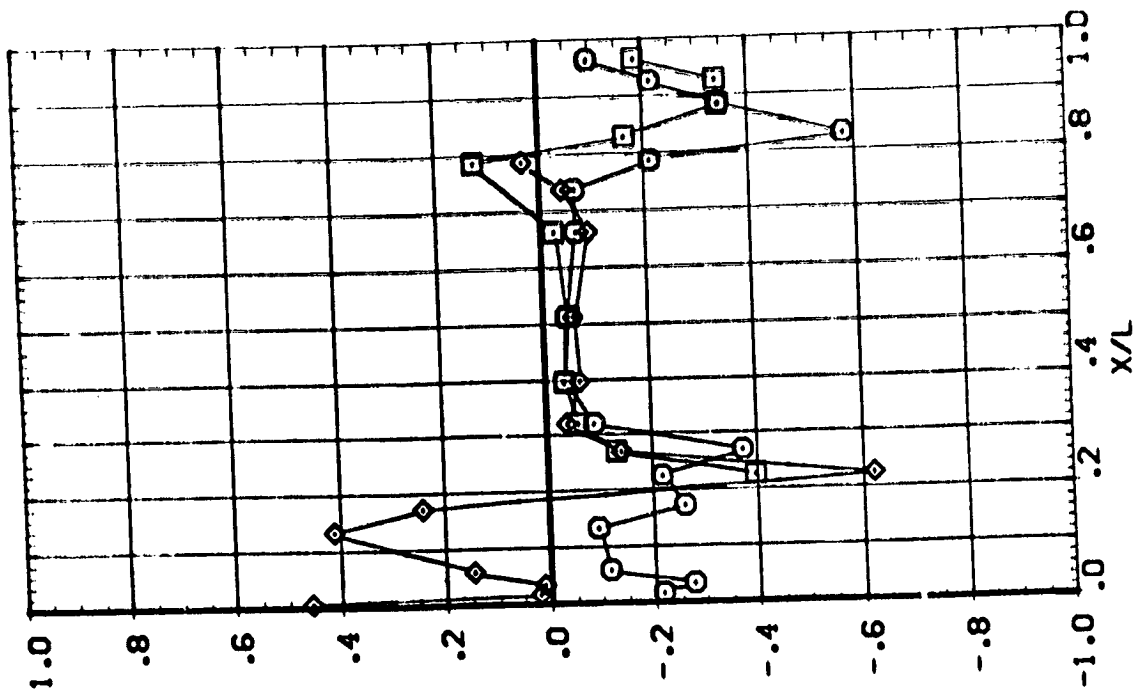
ALPHA .010  
.005

BETA 5.000

(RDLB01)

PARAMETRIC VALUES

ELEVTR .000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

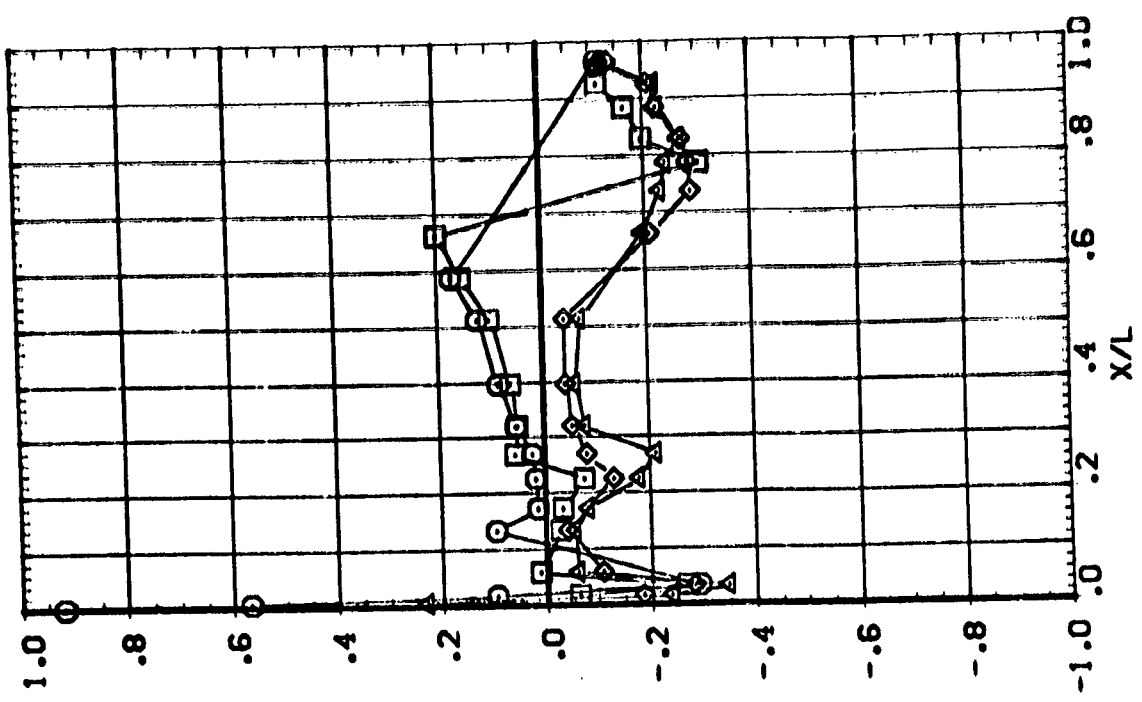
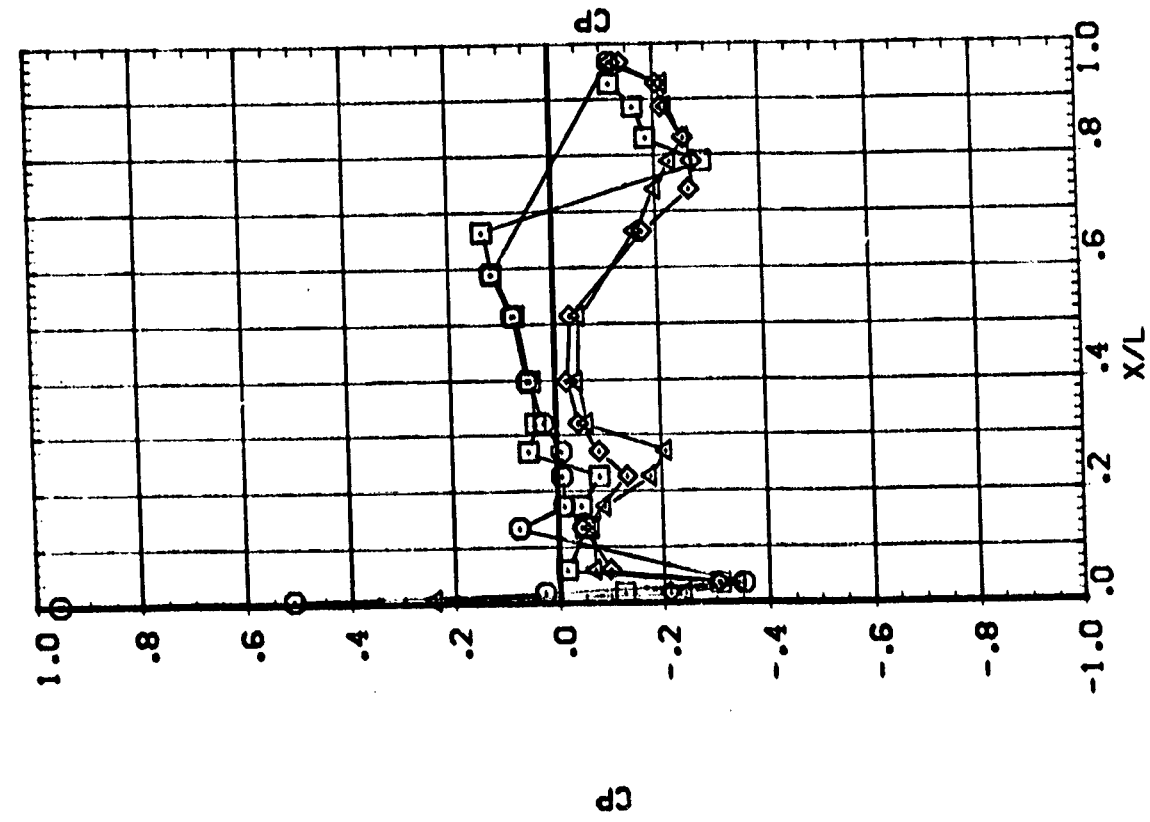


3:00507V2F1W87E:8V5R5G: LEFT FUSELAGE

SYNTH. 0110  
 P. 1.000  
 40.000  
 70.000  
 90.000  
 ALPHA 2.070  
 BETA 5.010  
 4.000

[RDLB01]

PARAMETRIC VALUES  
 ELEVTR .000 RUDER .000  
 RUDFLR 40.000 FLAP -10.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

3:00507M2F1W87E18VSR5G1 LEFT FUSELAGE

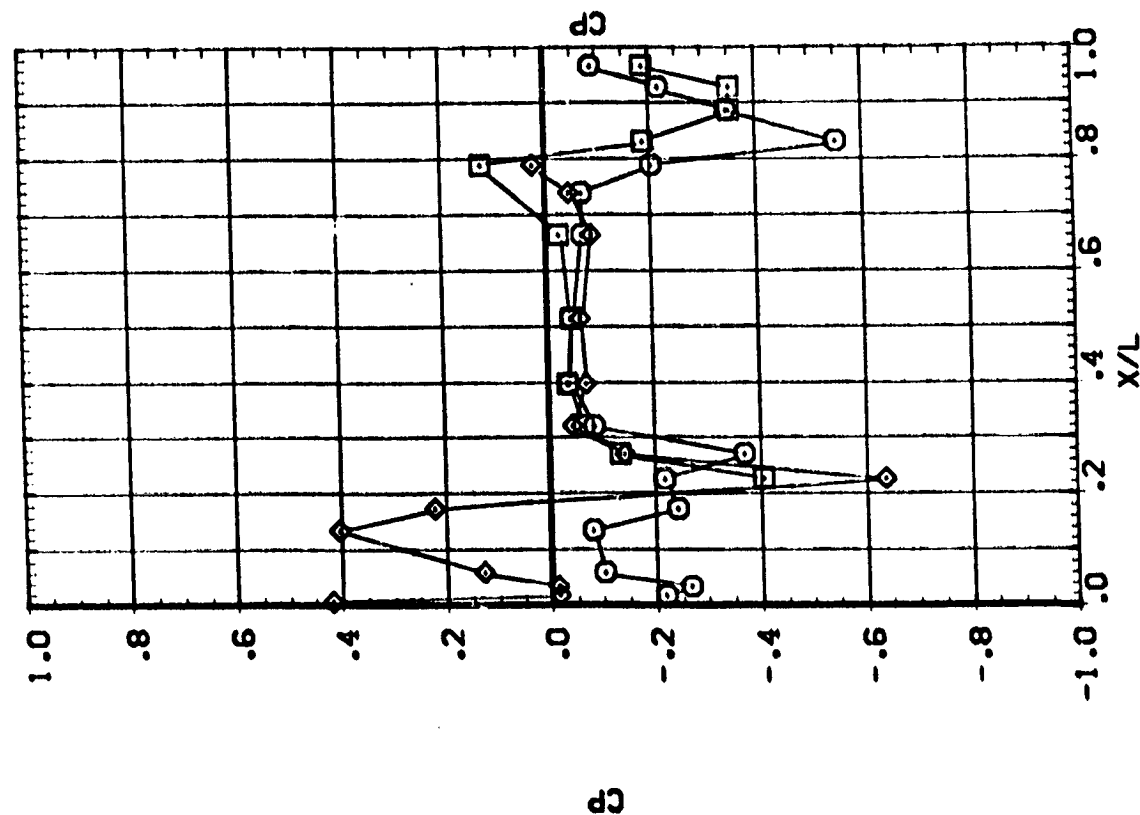
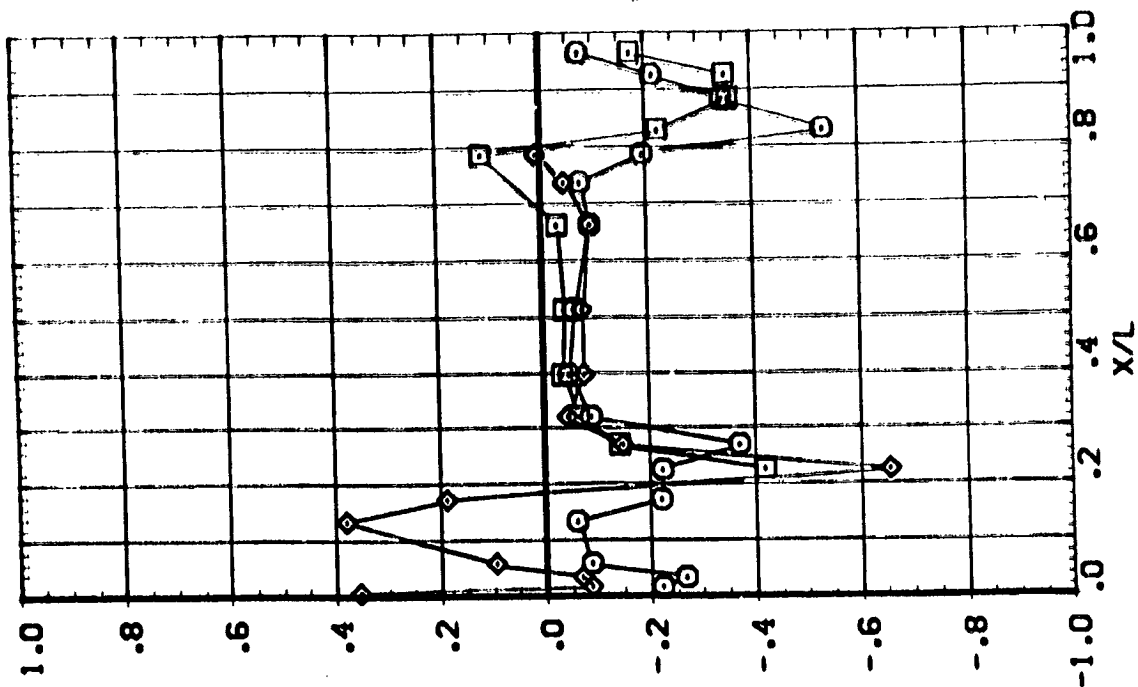
(RDLB01)

SYMBOL  
 120.000  
 :65.000  
 :80.000

ALPHA  
 2.000  
 4.000

BETA  
 5.010

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 R2OFUR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



(RDLB01)

B:00507Y2F:187E:18VSR5G: LEFT FUSELAGE

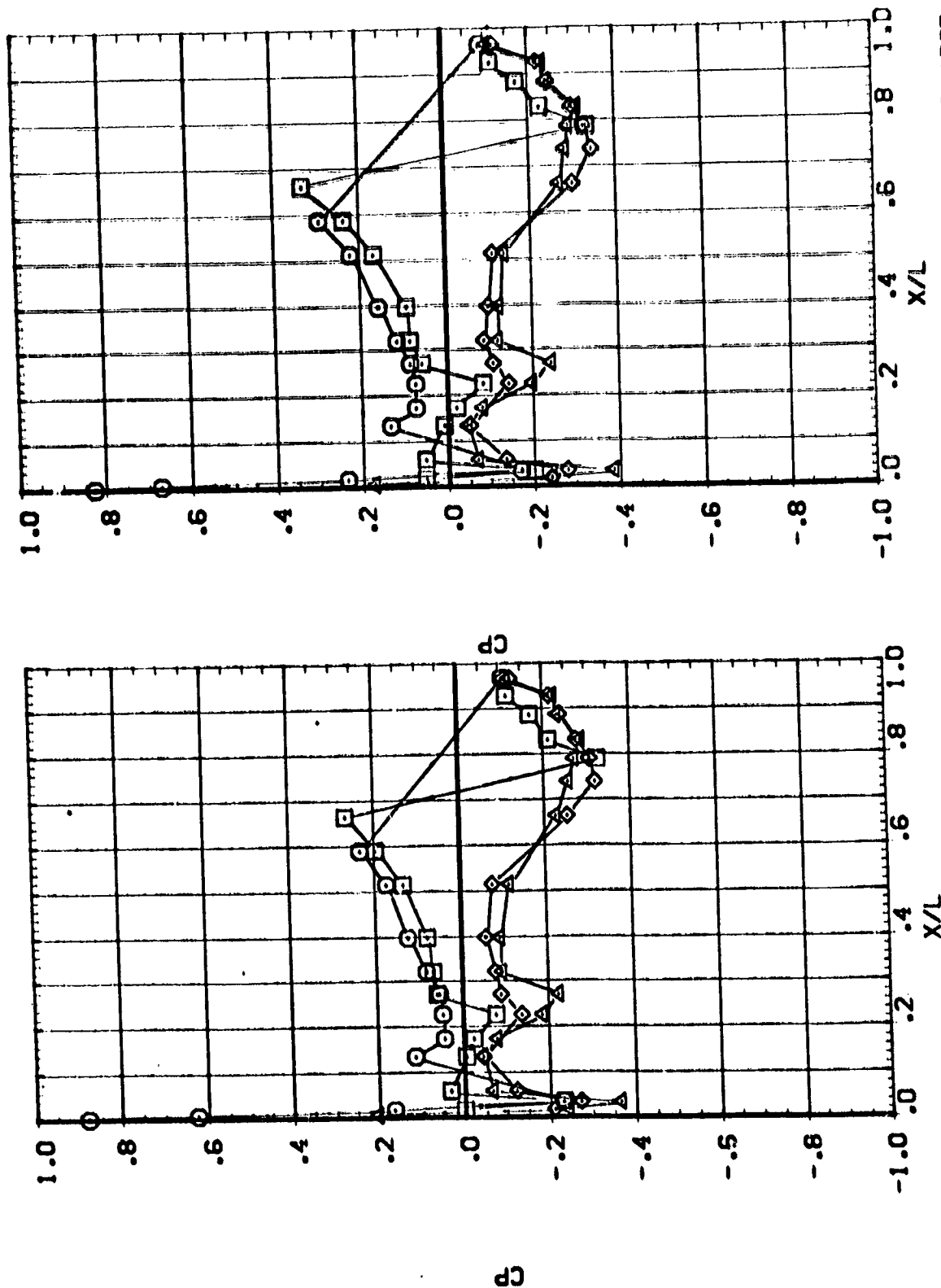
SYMBOL  
 ◊ □ ○ △

PHI .000  
 40.000  
 70.000  
 90.000

ALPHA 6.070  
 8.120

BETA 5.000

PARAMETRIC VALUES  
 ELEVTR .000  
 RUDDER 40.000  
 FLAP .000  
 -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

3100507Y2F1W87E18VSR5G: LEFT FUSELAGE

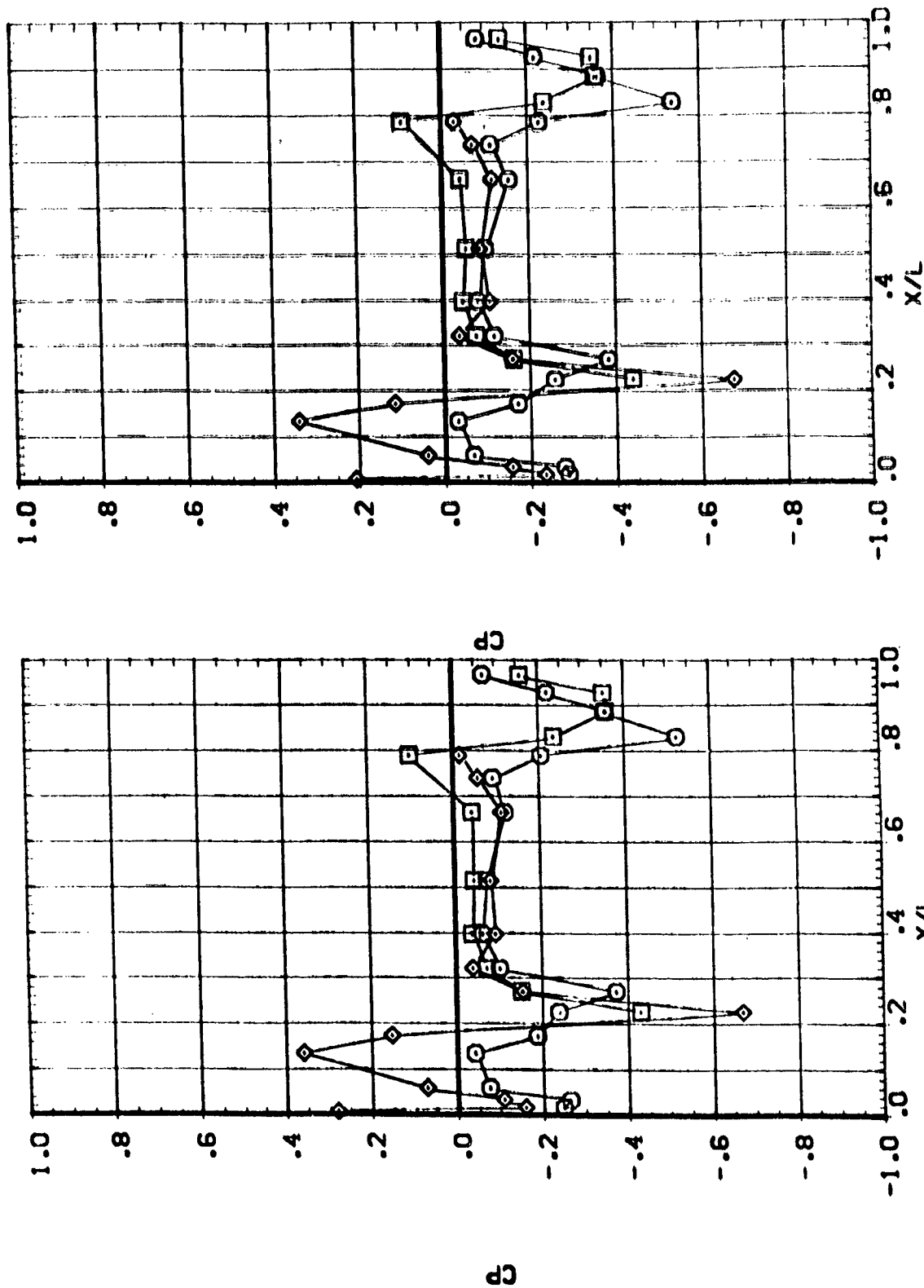
(RDLB01)

SYMBOL: 120.000  
165.000  
180.000

ALPHA: 5.070  
8.170

BETA: 5.020

GEOMETRIC VALUES  
ELEVTR: .000  
RUDDER: .000  
RADFLR: 40.000  
FLAP: -18.000



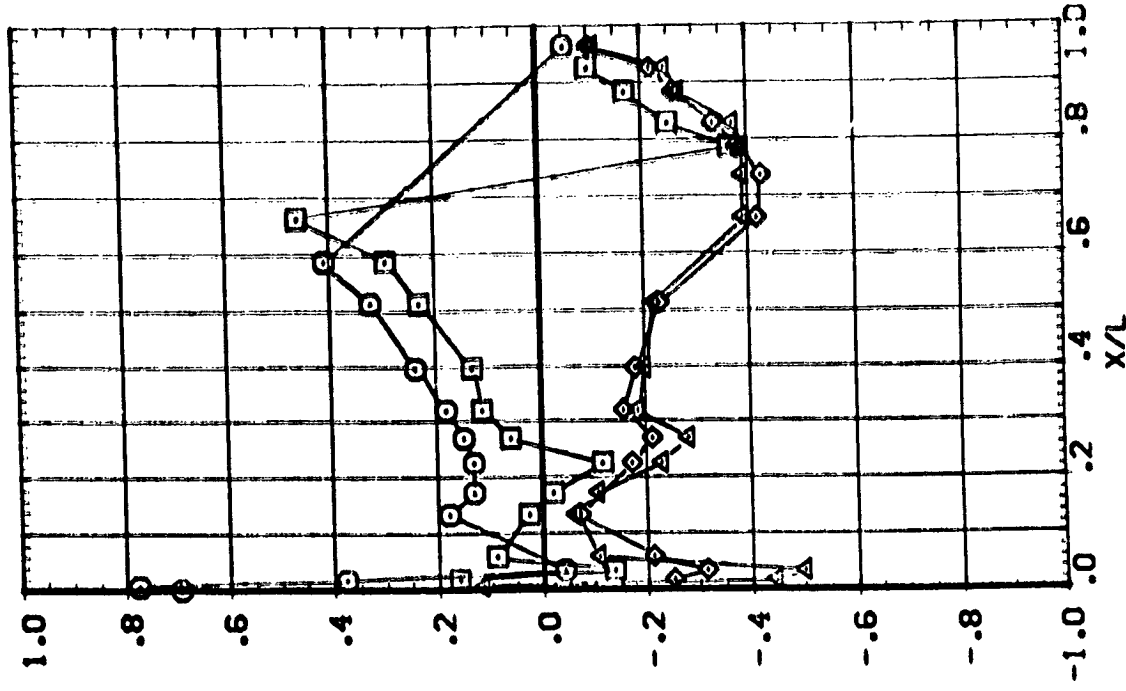
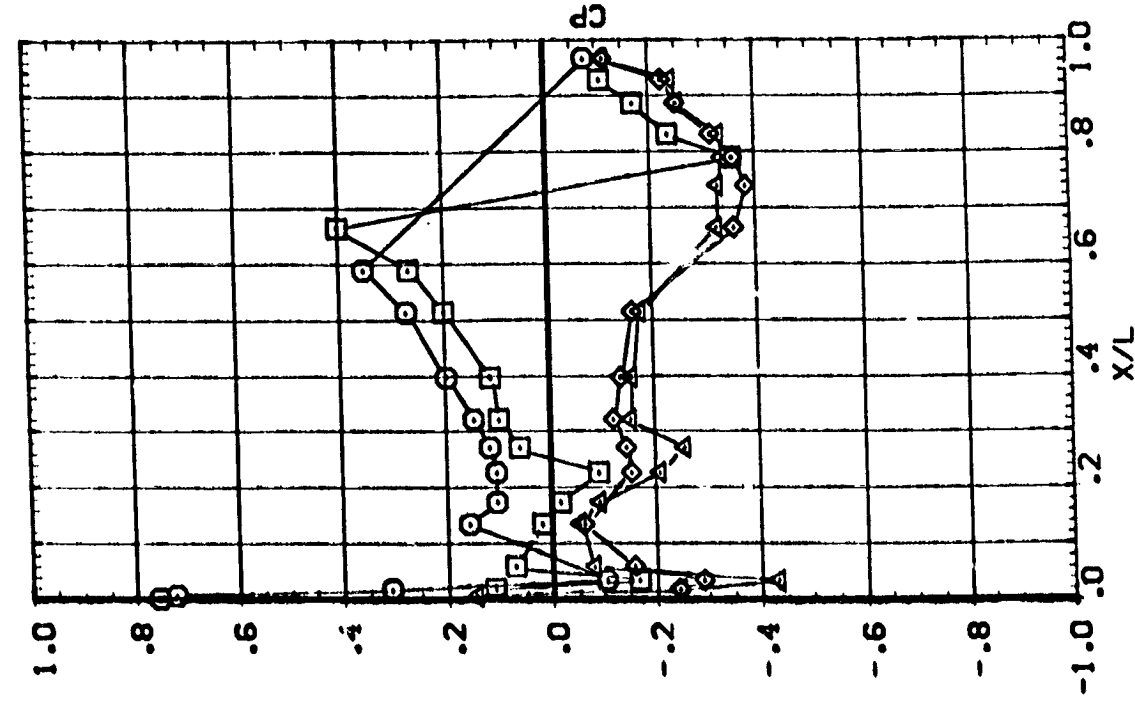
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



B:005D7M2F:187E:18VSR5G1 LEFT FUSELAGE

(R0.301)

SYMBOL	PAI	ALPHA	BETA	ELEVTR	RUDDER	FLAP
△	0.000	10.160	5.000	0.000	0.000	0.000
◇	40.000	12.160		40.000	0.000	0.000
□	70.000				0.000	0.000
○	90.000				0.000	0.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

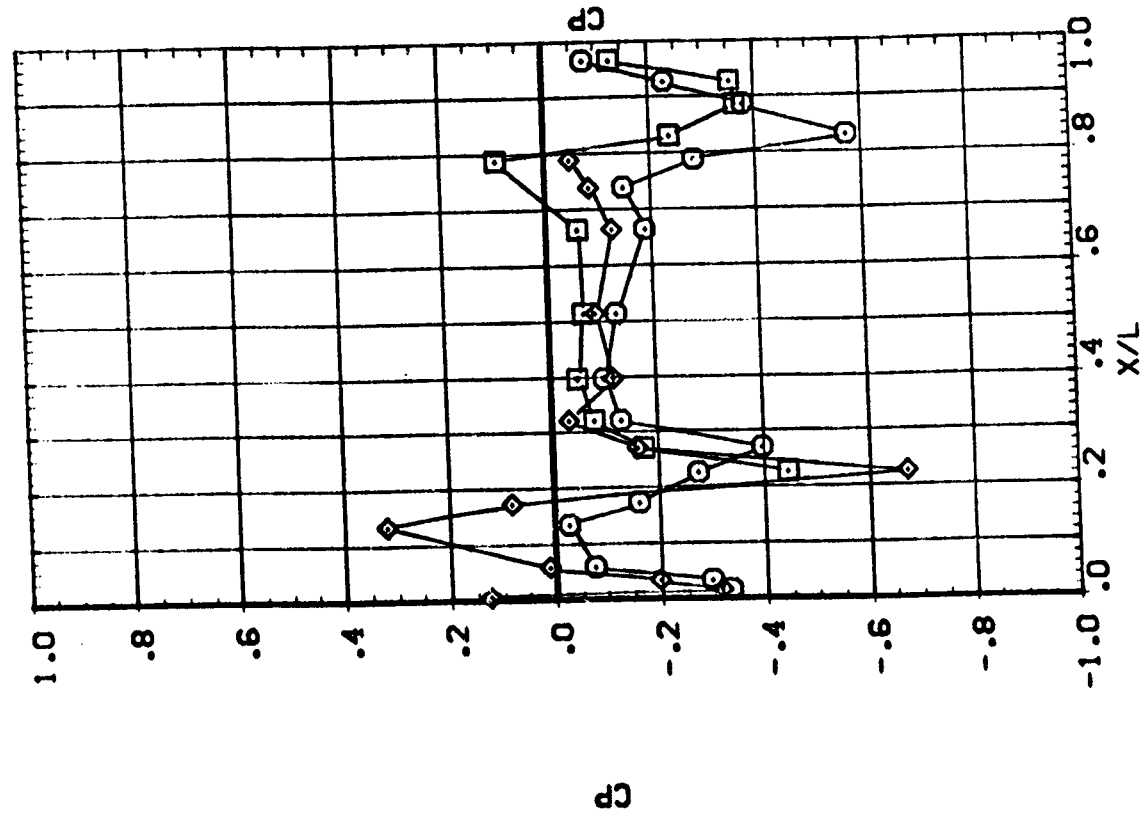
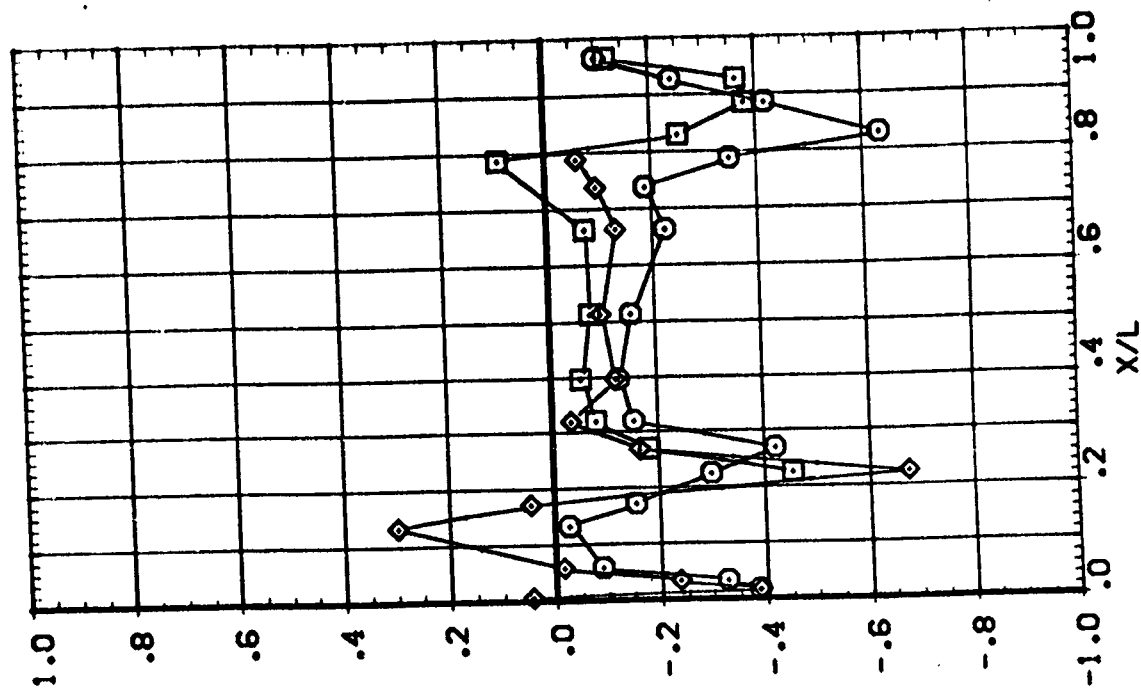


8:00507M2F:187E:18V5R5G: LEFT FUSELAGE

(RDLB01)

PARAMETRIC VALUES  
ELEVTR .000 RUDRER .000  
RUDFLR 40.000 FLAP -18.000

SYNTHETIC  
PHI 170.000  
ALPHA 10.160  
BETA 5.000  
165.000  
180.000



LONG11. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



B10C5D7M2F1W87E18VSR5G1 LEFT FUSELAGE

(RDLB01)

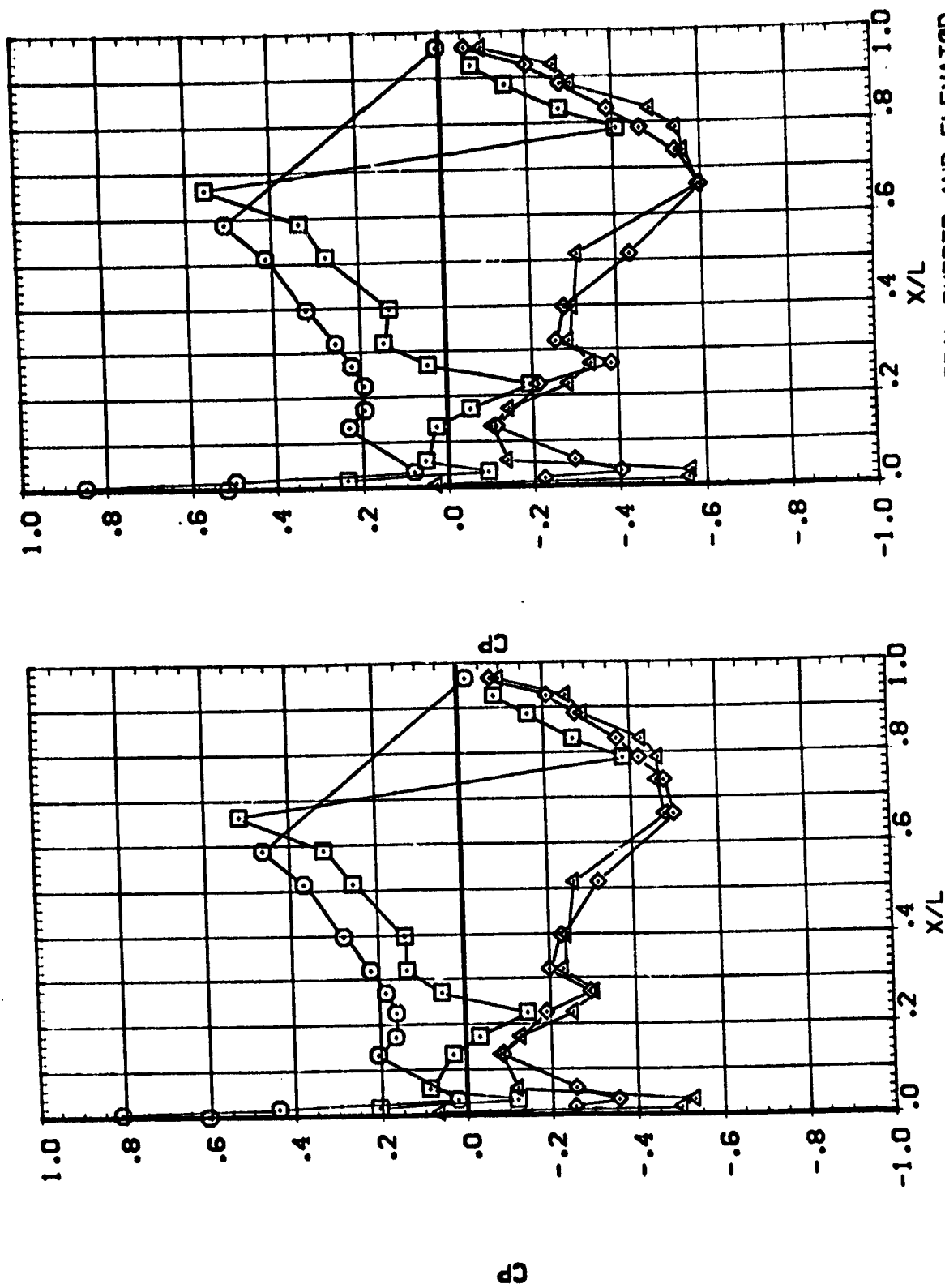
SYMBOL  
○ □ ◇ △

PHI  
.000  
40.000  
70.000  
90.000

ALPHA  
14.220  
16.750

BETA  
5.010

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUOFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

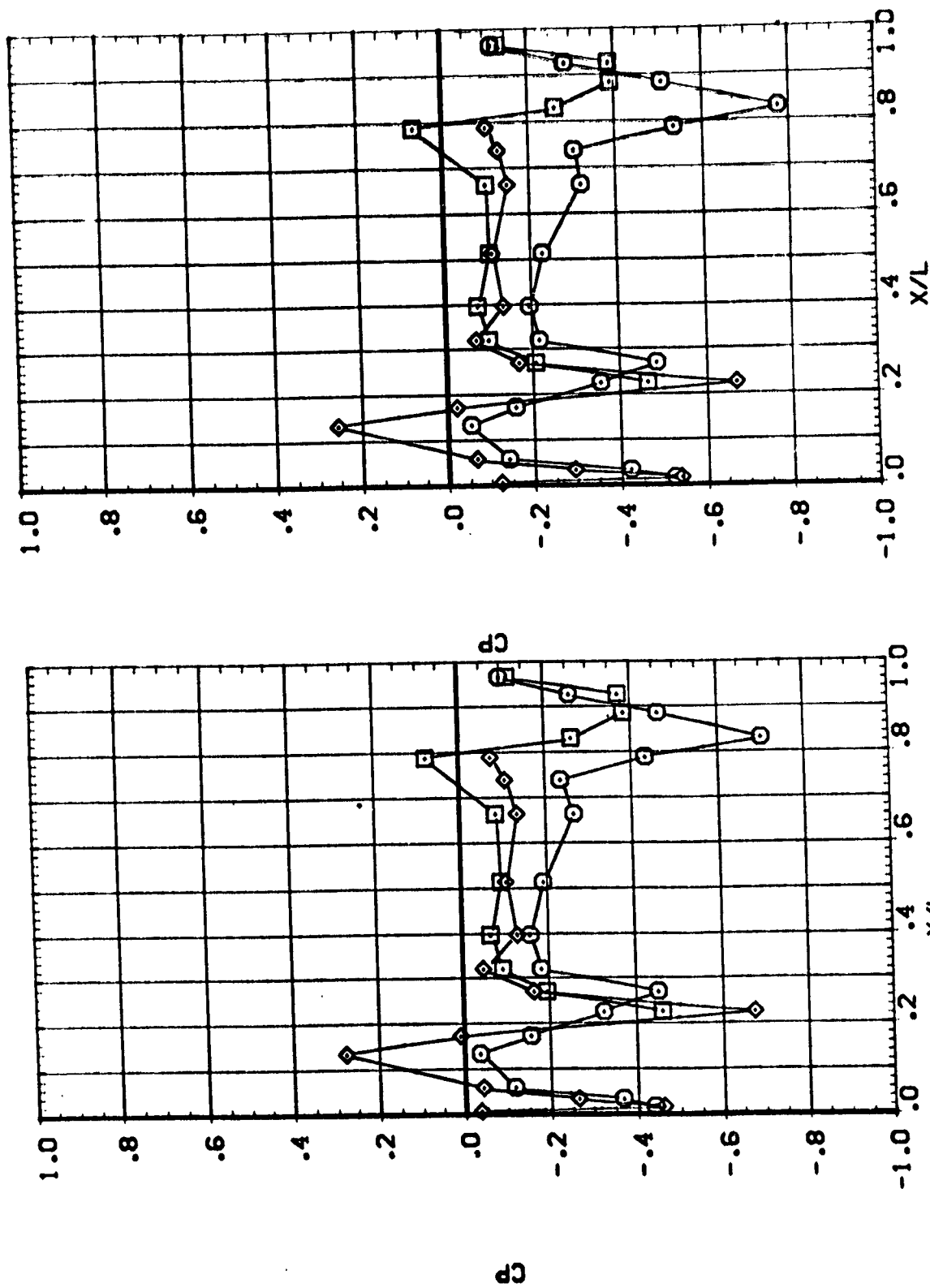




310C5D7M2F1W87E18VSR5G: LEFT FUSELAGE

(RDL80:)

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUDFLR 40.000 FLAP -18.000  
 SINGC  
 PH: ALPHA BETA  
 120.000 14.220 5.010  
 65.000 16.750  
 80.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

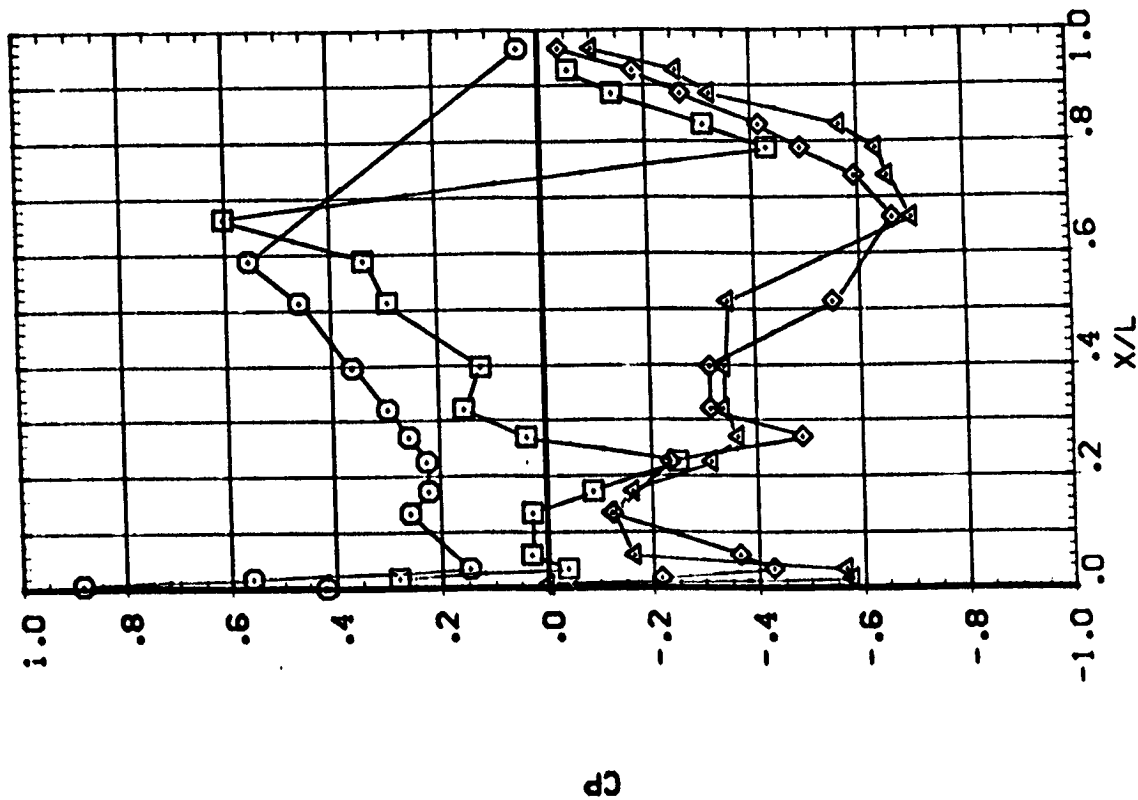


3100507N2F1W87E:8V5R5G: LEFT FUSELAGE

(RDLB01)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFLR 40.000 FLAP -10.000

SYNCC. P4: ALFA BETA  
0.000 18.780 5.000  
40.000  
70.000  
90.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. NEUTRAL RUDDER AND ELEVATOR

≡

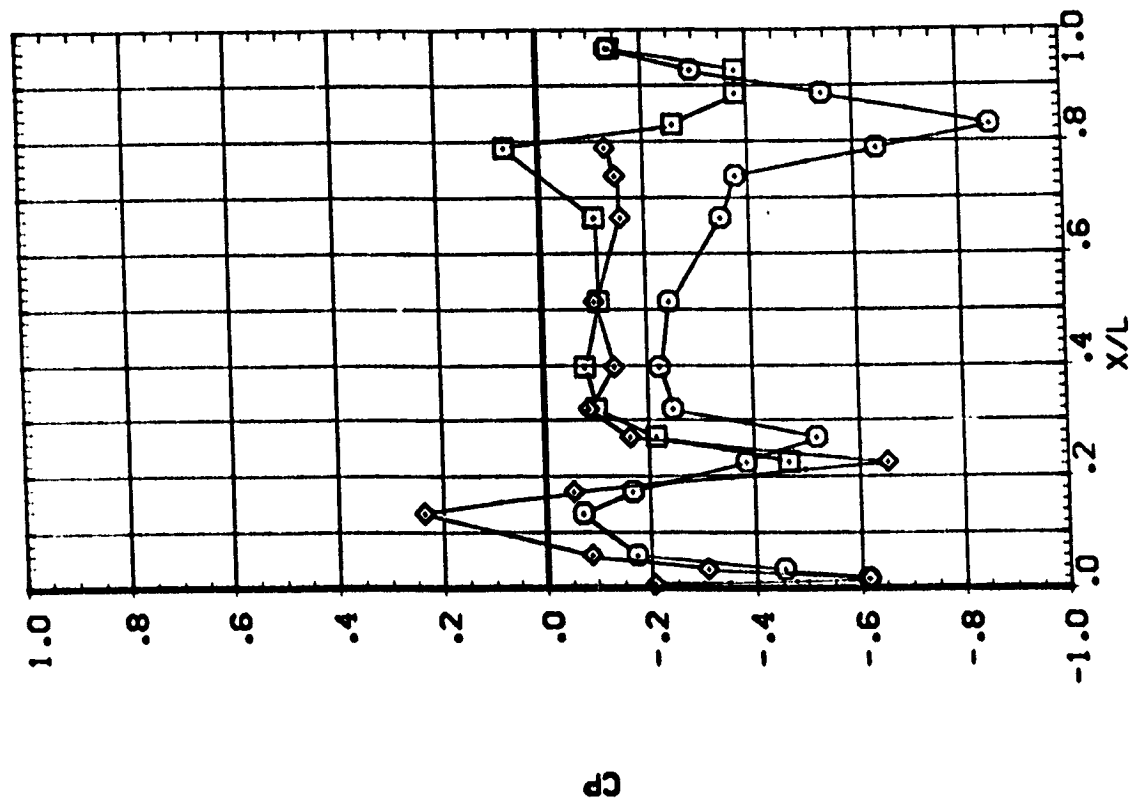
(RDLB01)

3:00507\*2F:W87E:8V5R5G: LEFT FUSELAGE

SYNTH  
□ □ ◇

ALPHA 8.28C  
BETA 5.00C  
P1: 20.00C  
P2: 165.00C  
P3: 80.00C

PARAMETRIC VALUES  
ELEVTR .000  
RUDDER .300  
RJOFLR 40.000  
FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



B:CC5D7M2F1W87E18V5R5G: LEFT FUSELAGE

(RDLB01)

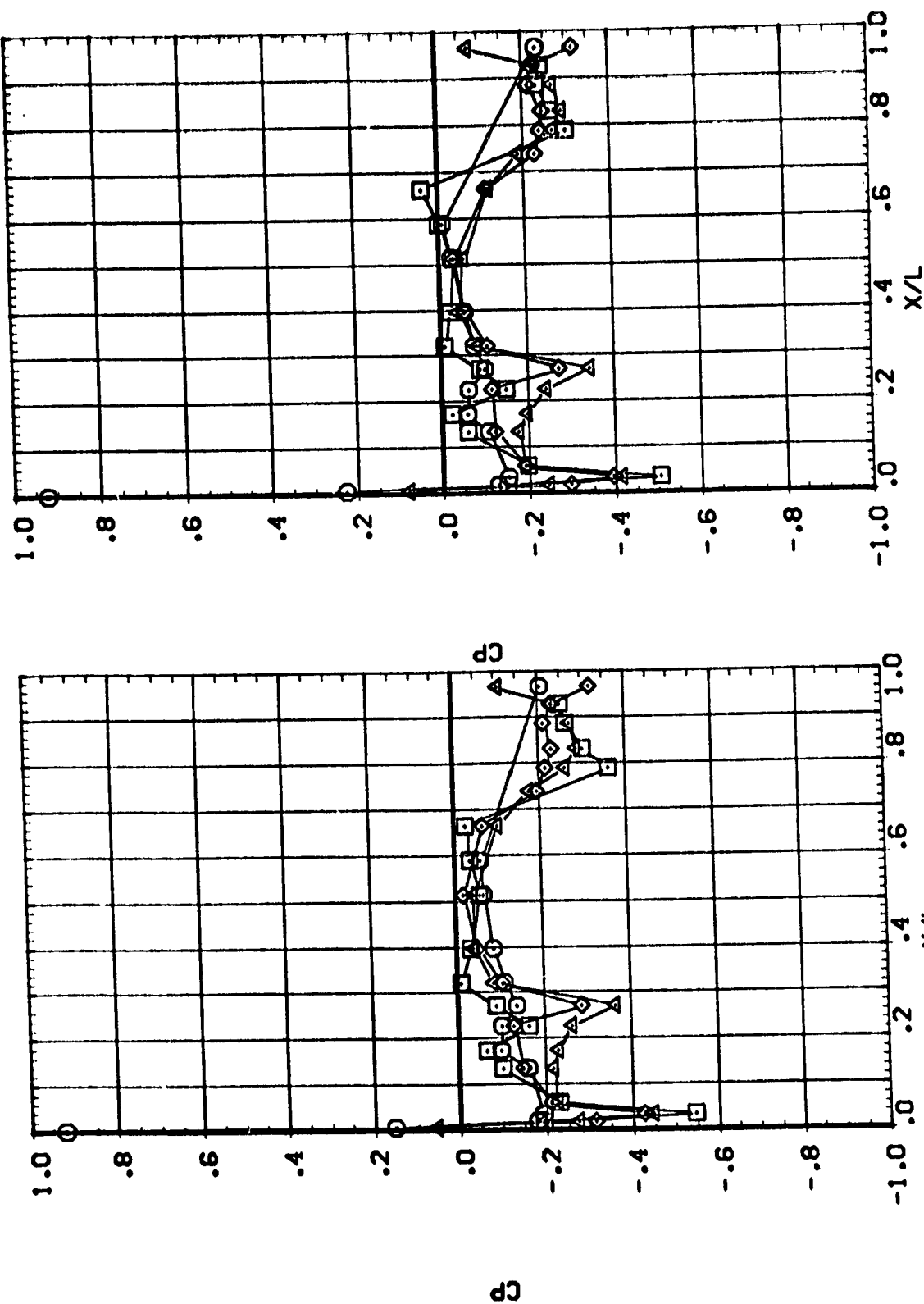
PHI: .000  
40.000  
70.000  
90.000

ALPHA  
-3.010  
-1.030

BETA  
10.030

SYMBOL  
□ ◇ △

PARAMETRIC VALUES  
ELEVTR .000  
RUDFLR 40.000  
RUDDER .000  
FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



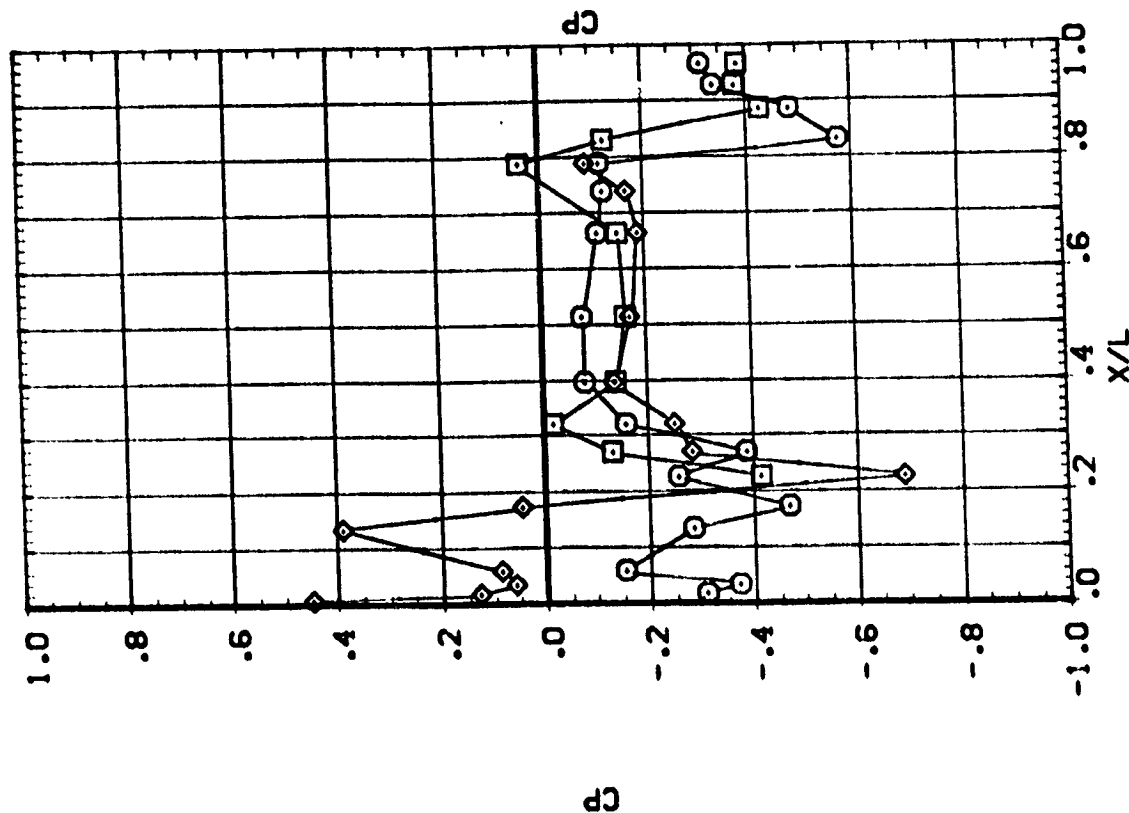
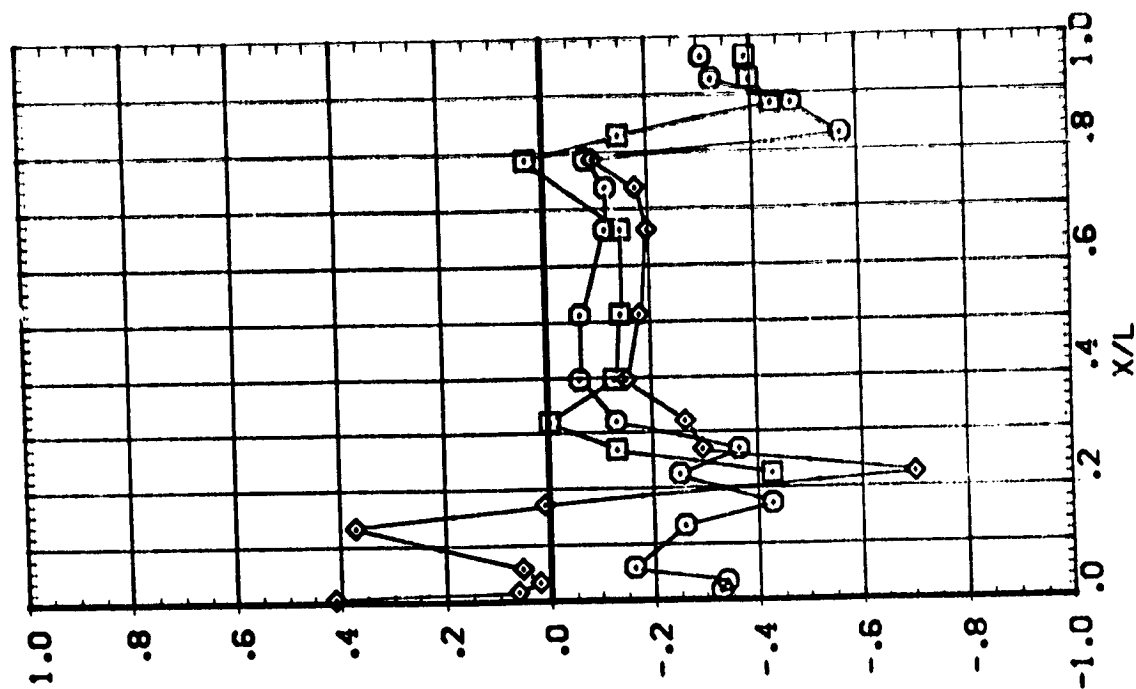
3:00507M2F:W87E:8V5R5G: LEFT FUSELAGE

(RDLB01)

SYMBOL  
O  
I  
◇

PAI ALPHA BETA  
170.000 -3.010 10.030  
165.000 -1.030  
160.000

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
FLAP 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



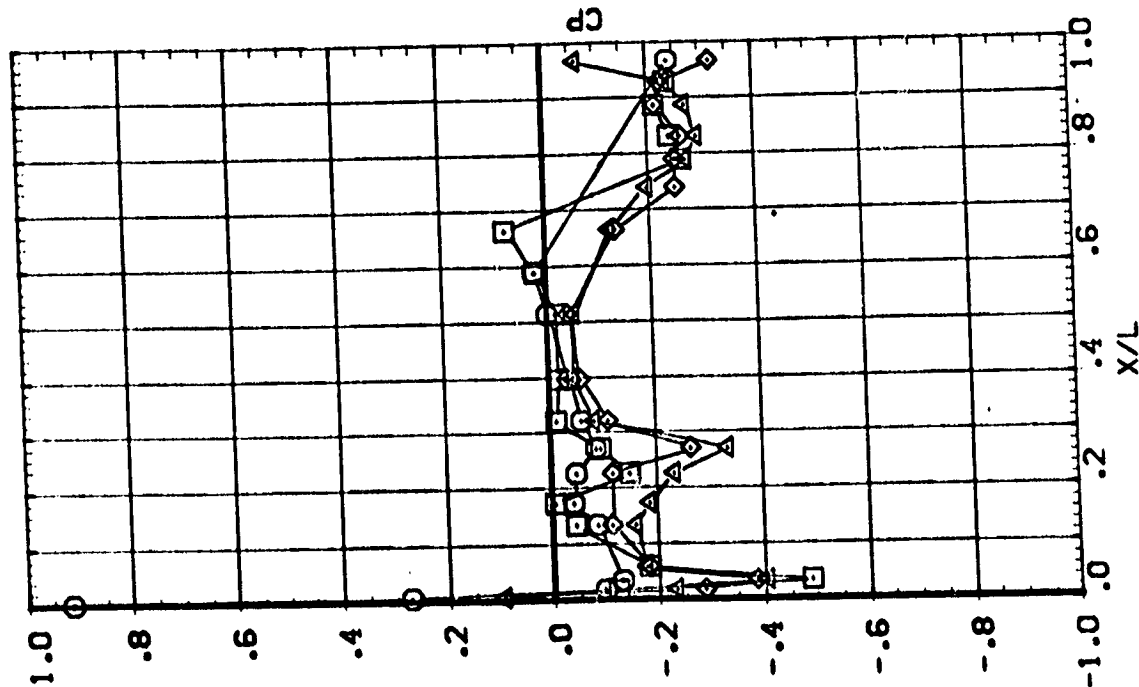
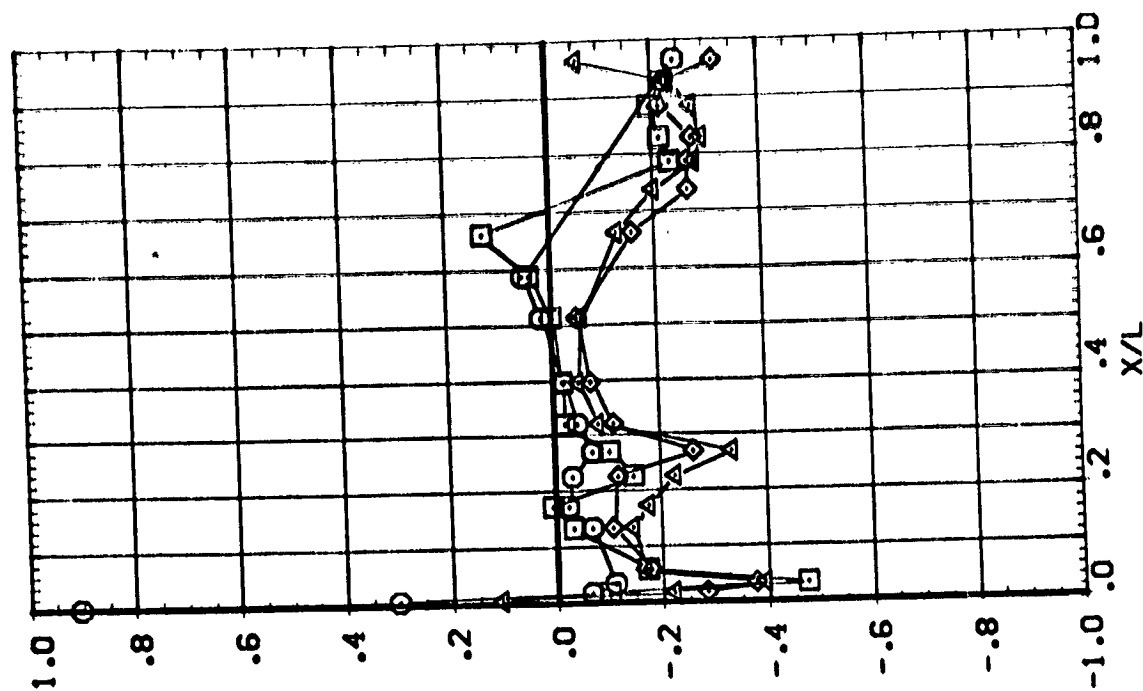
B:00507M2F:187E:18VSR5G: LEFT FUSELAGE

SVR5G  
0.000  
40.000  
70.000  
90.000

ALPHA BETA  
.000 .000  
40.000 .000  
70.000 .000  
90.000 .000

(RDLBC:)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RDLFLR 40.000 FLAP -10.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

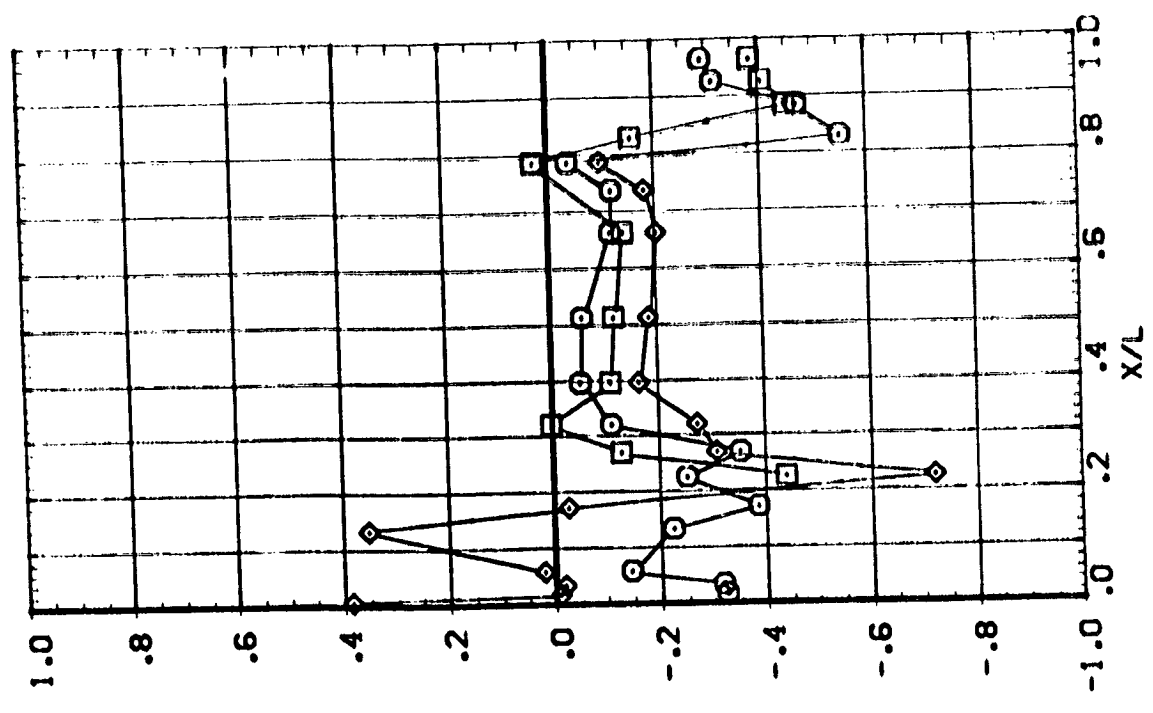
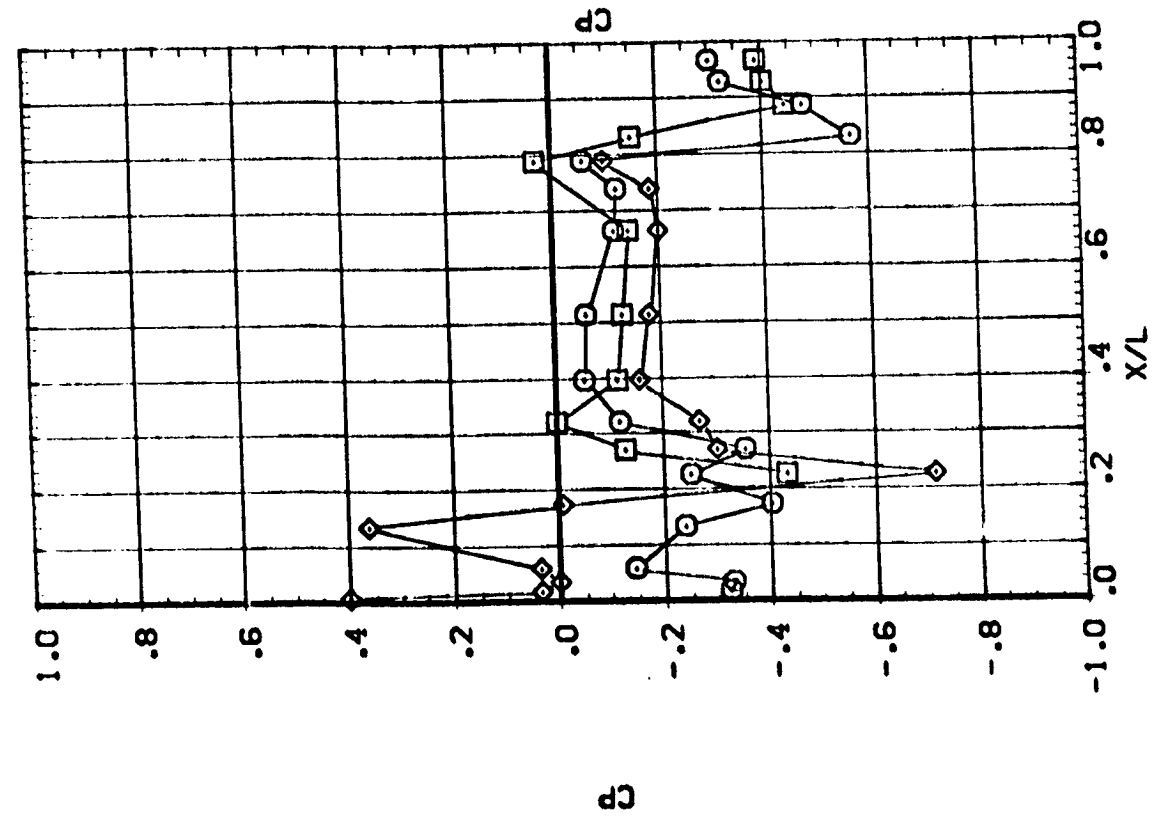
310000021487E18VSP03: LEFT FUSELAGE

SYMBOL  
 O  
 □  
 ◇

ALPHA .000  
 BETA 10.010  
 120.000  
 165.000  
 1.070

(CONT'D)

DIAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUDDLR 40.000 LAP -19.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

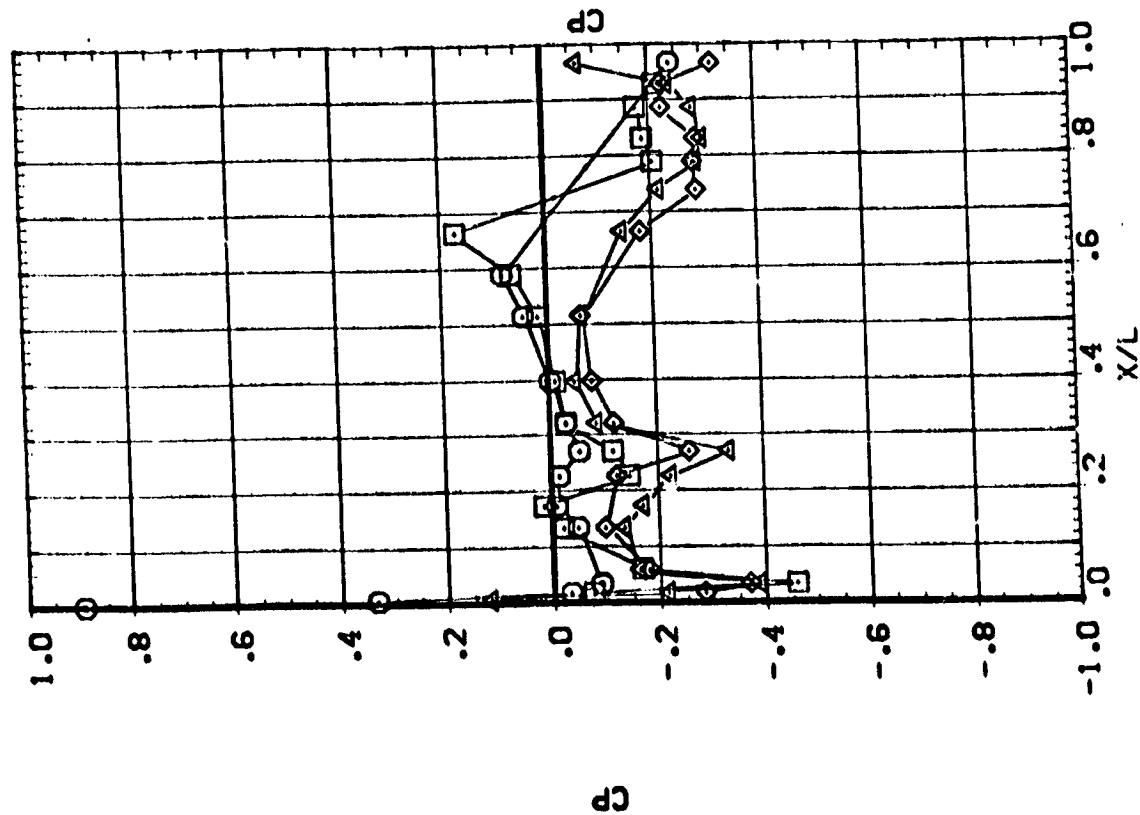
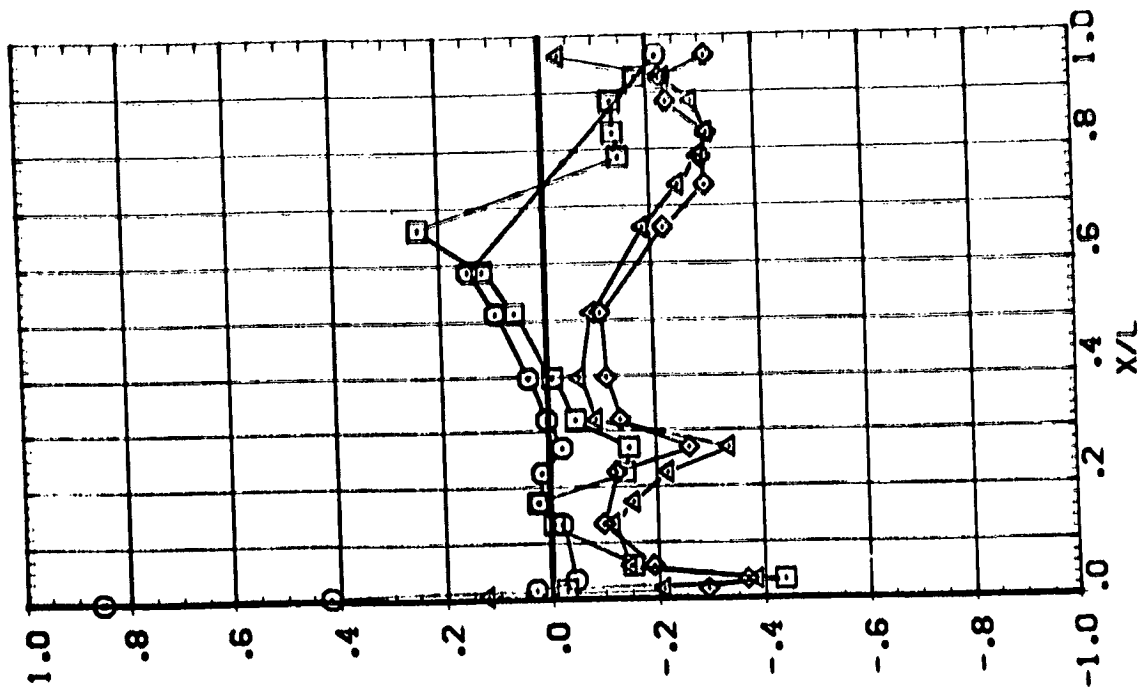


3:00507V2F:187E18VSR5G: LEFT FUSELAGE

(RD-301)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFLP 40.000 FLAP -18.000

SWSC  
ALPHA 2.000  
BETA 10.000  
40.000  
75.000  
90.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



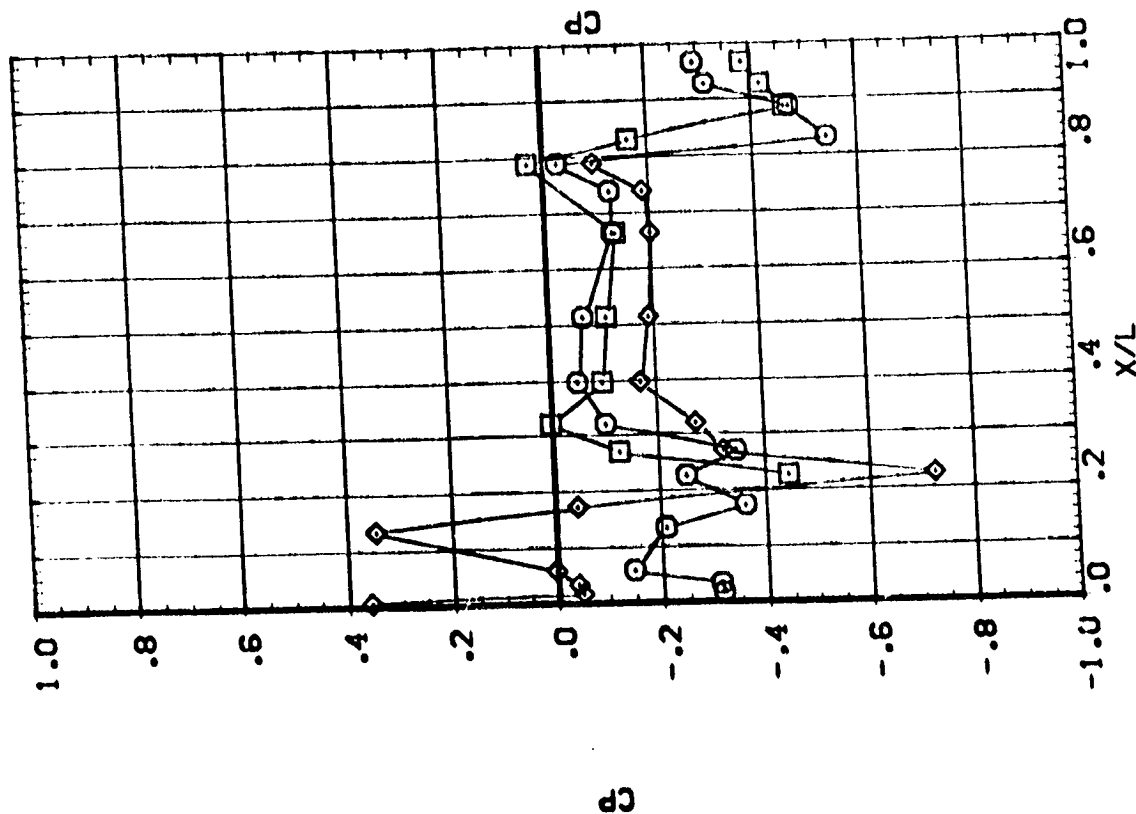
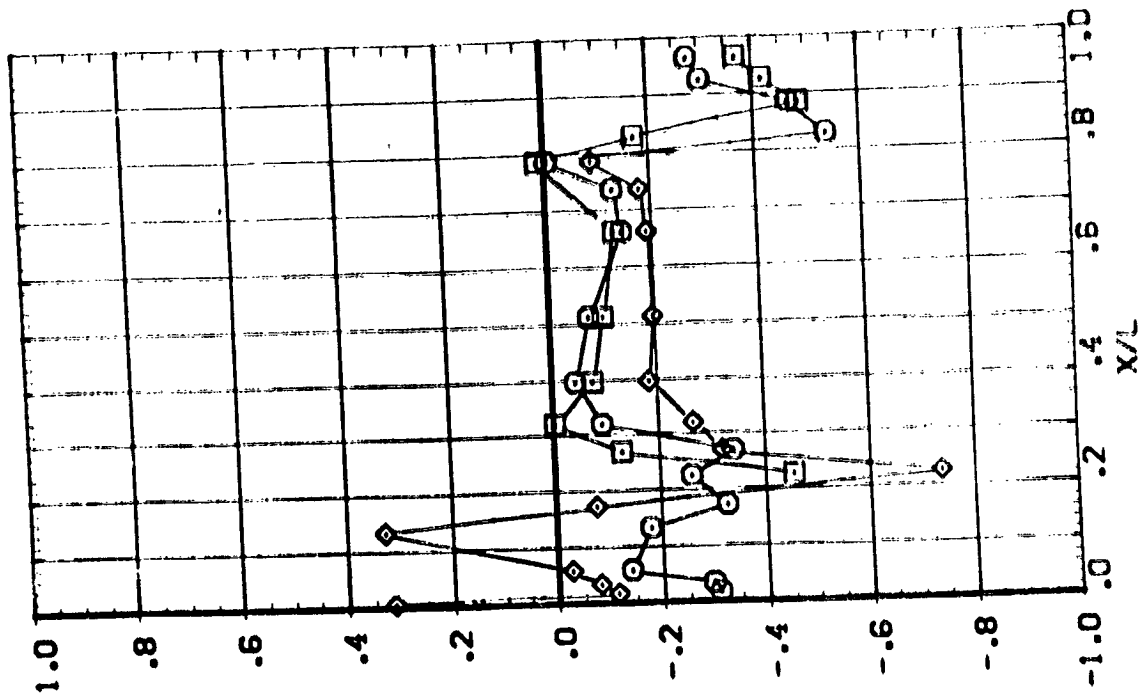
CR013010

3:00507V2F:1A87E18VSR50: LEFT FUSELAGE

SYSC  
O I I  
◇

ALPHA 2.040 10.020  
BETA 4.050

PARAMETRIC VALUES  
ELEV 0.000 2.000 1.000  
RUDDER 40.000 2.000 18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



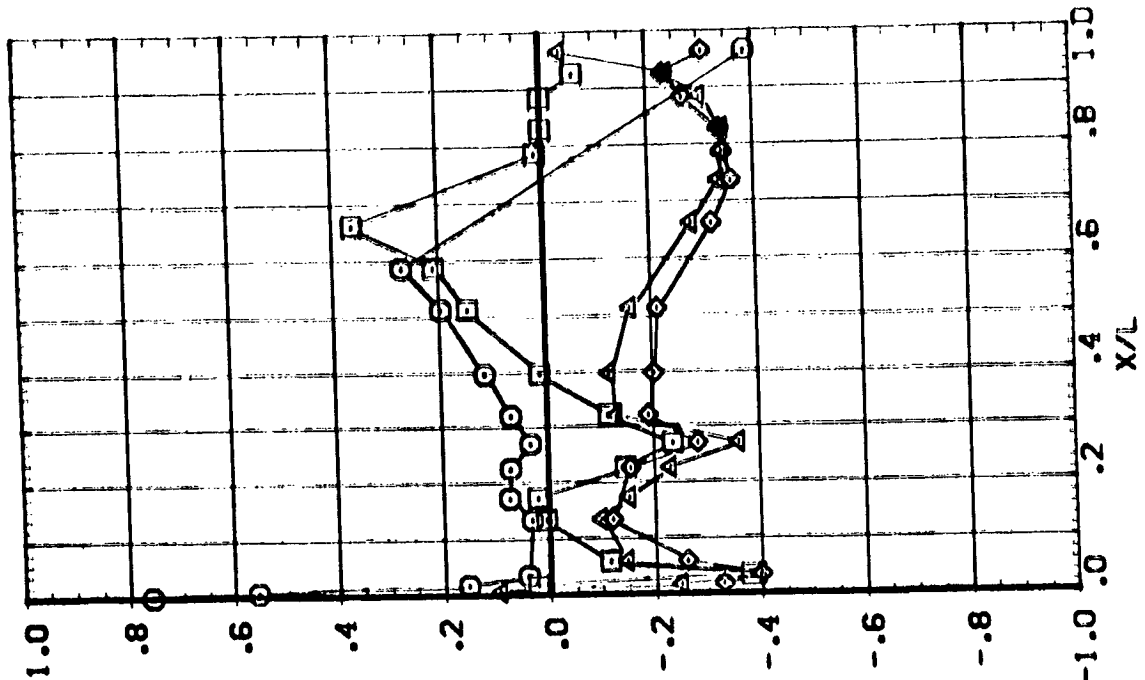
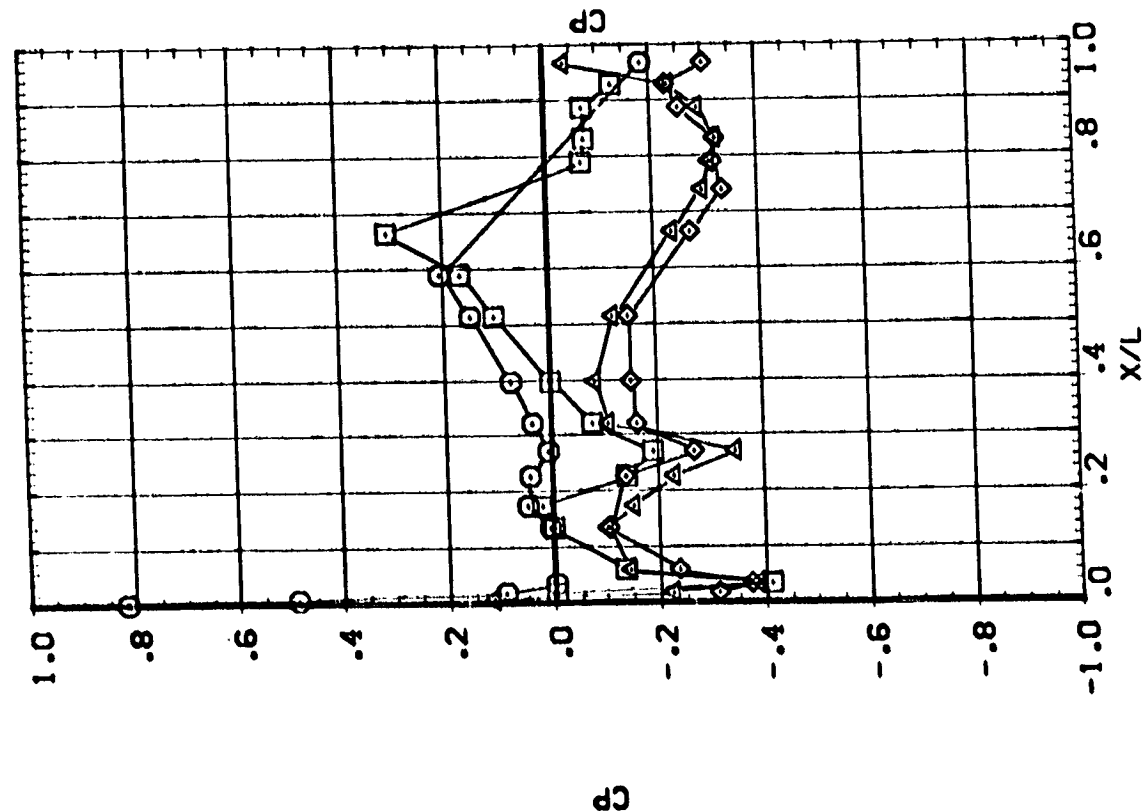
3:00507M2F1487E:0V5R5G: LEFT FUSELAGE

(RC-301)

SWAC  
01  
01  
01  
01  
01

ALPHA BETA  
6.080 10.010  
8.100

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDDER 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

12013011

3:00550747: 1487E: 8.5R5G: LEFT FUSELAGE

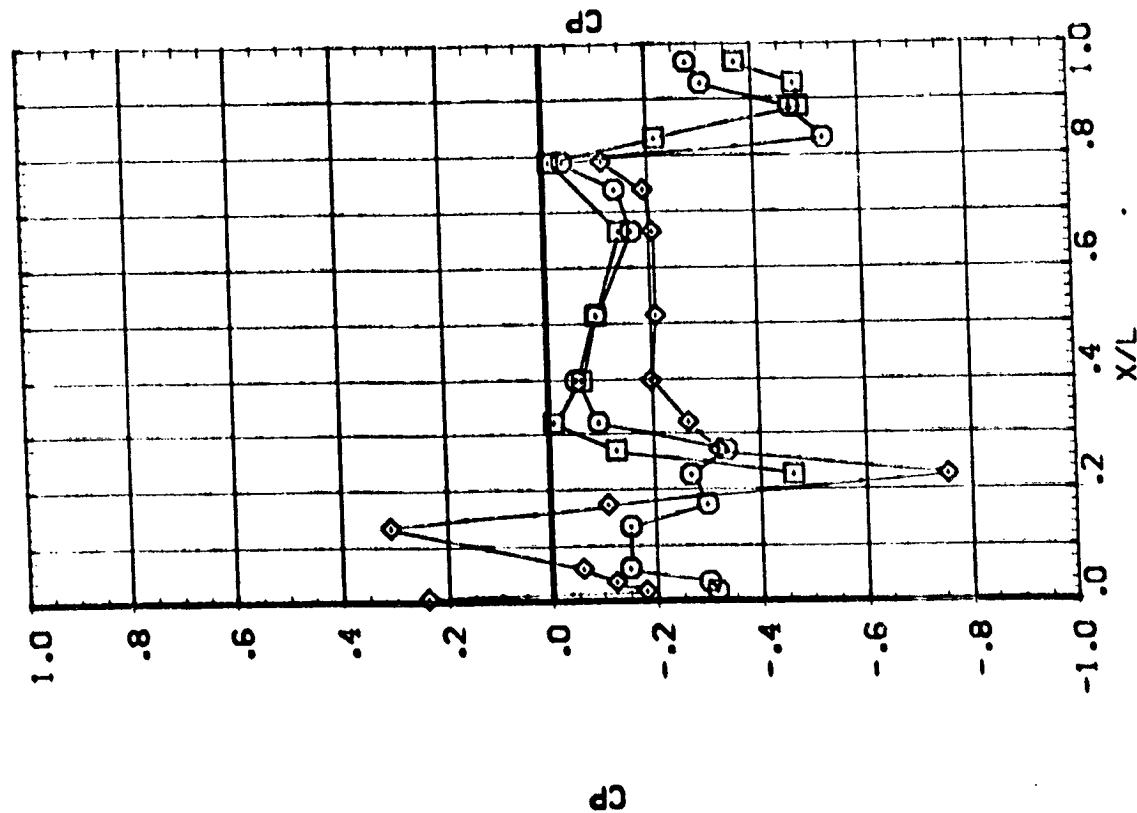
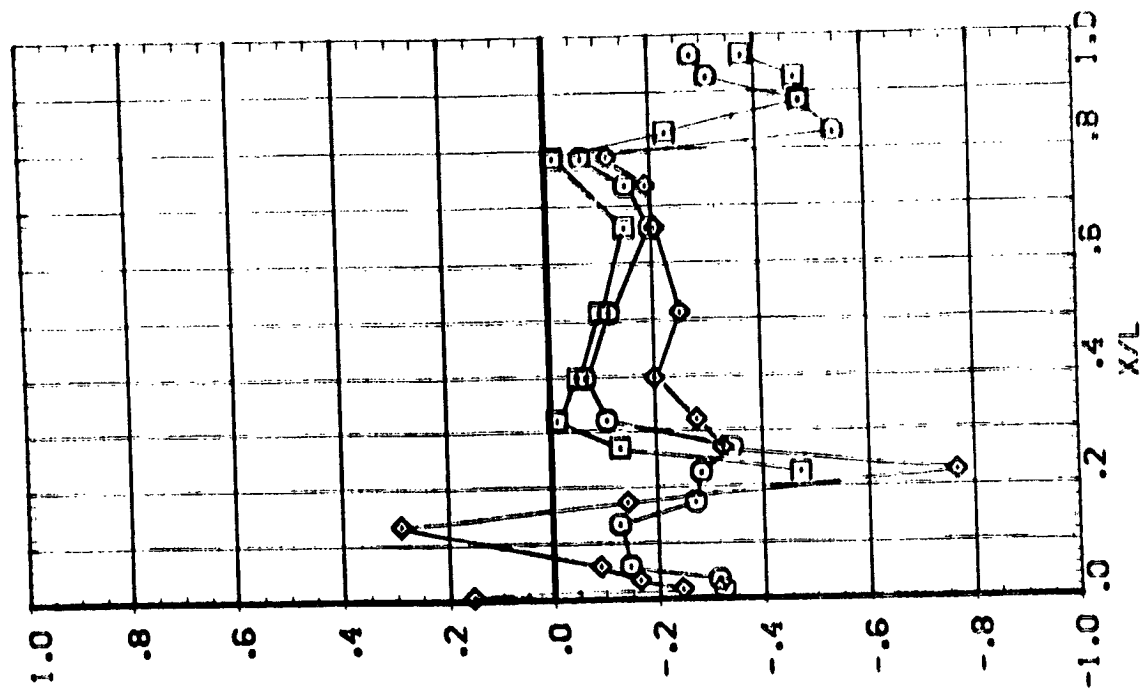
ALPHA 30.000  
ELEV 200.0  
R5 10.000

ALPHA 30.000  
ELEV 200.0  
R5 10.000

ALPHA 30.000  
ELEV 200.0  
R5 10.000

ALPHA 30.000  
ELEV 200.0  
R5 10.000

ALPHA 30.000  
ELEV 200.0  
R5 10.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RODDER AND ELEVATOR

PAGE 106

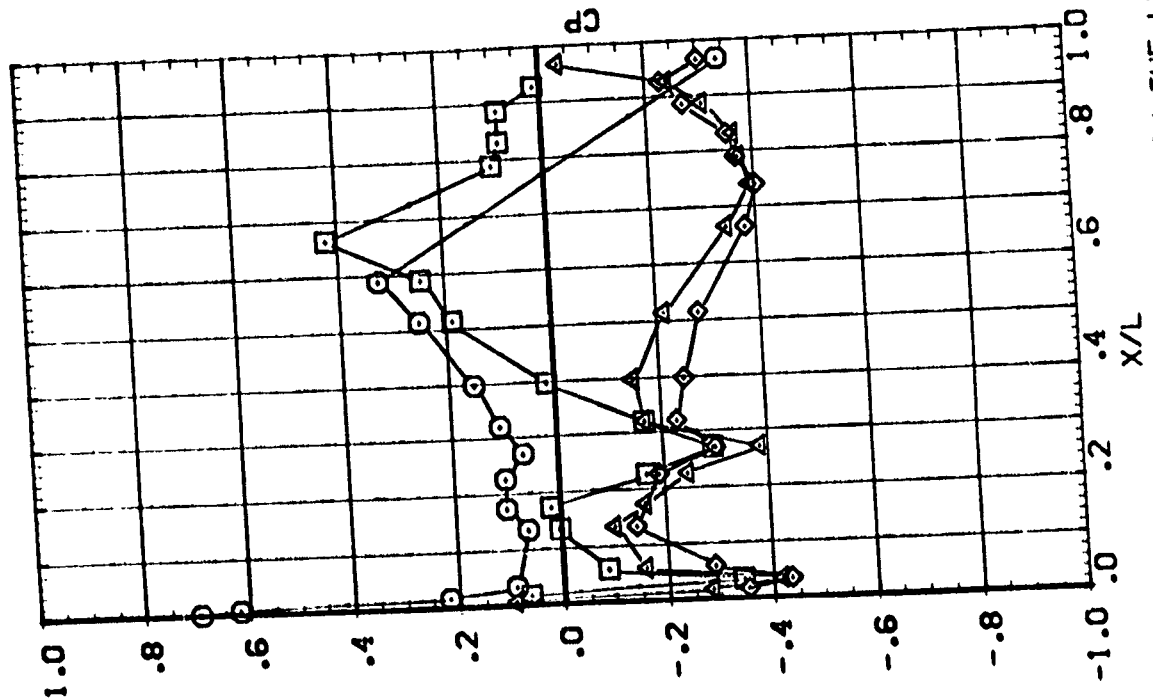
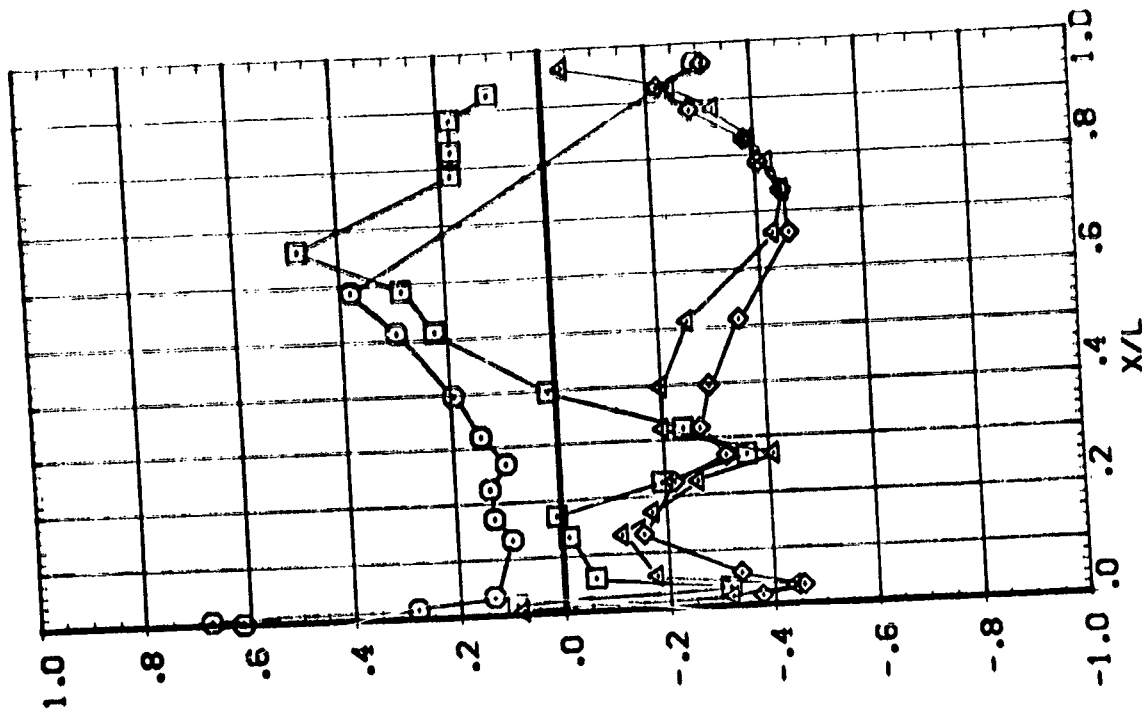


3:00507V2F:187E:18.5R5G: LEFT FUSELAGE

SYMBOL:  $\alpha$   $\beta$   $\gamma$   $\delta$   $\epsilon$   
 P-1: .0000 10.140 10.000  
 40.000 12.170  
 70.000  
 90.000

(P018011)

PARAMETRIC VALUES  
 ELEV'R .000 RUDER .000  
 RUDER FLAP 40.000 -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

(RD-BC1)

3:005077: 148718V5R55: LEFT FUSELAGE

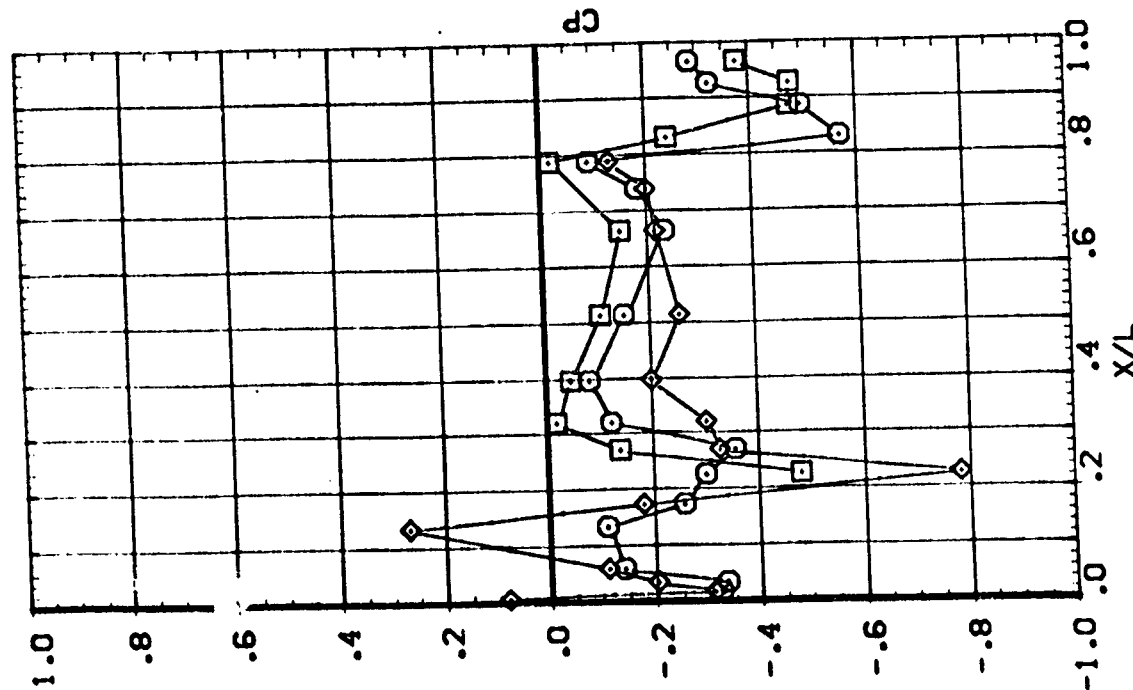
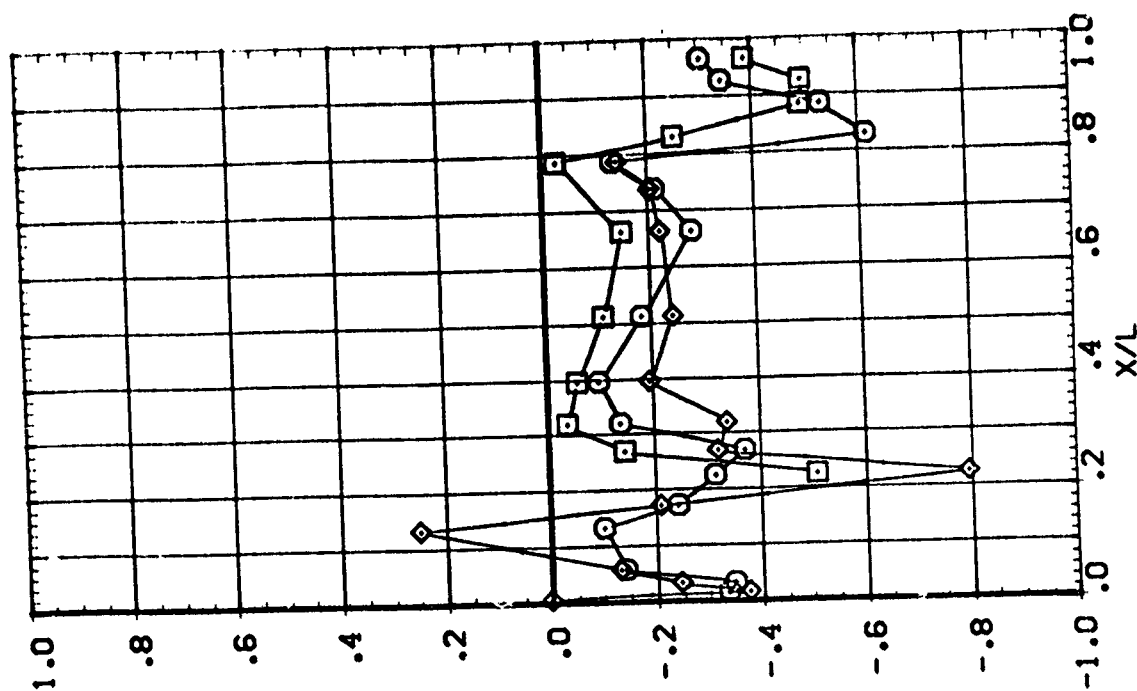
PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000

SYMBOL  
○ 12.000  
□ 10.140  
◇ 10.000

9.7A

ALPHA  
10.140  
12.000

10.000  
10.000  
10.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



3:00550000 1487E:8.5455: LEFT FUSELAGE

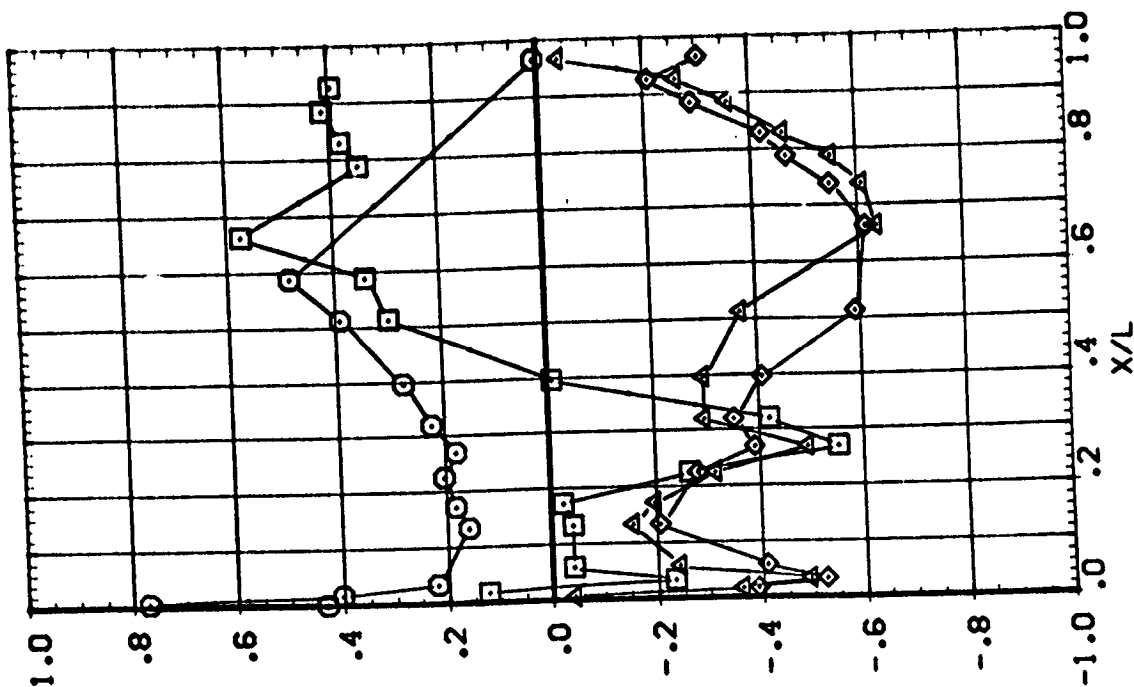
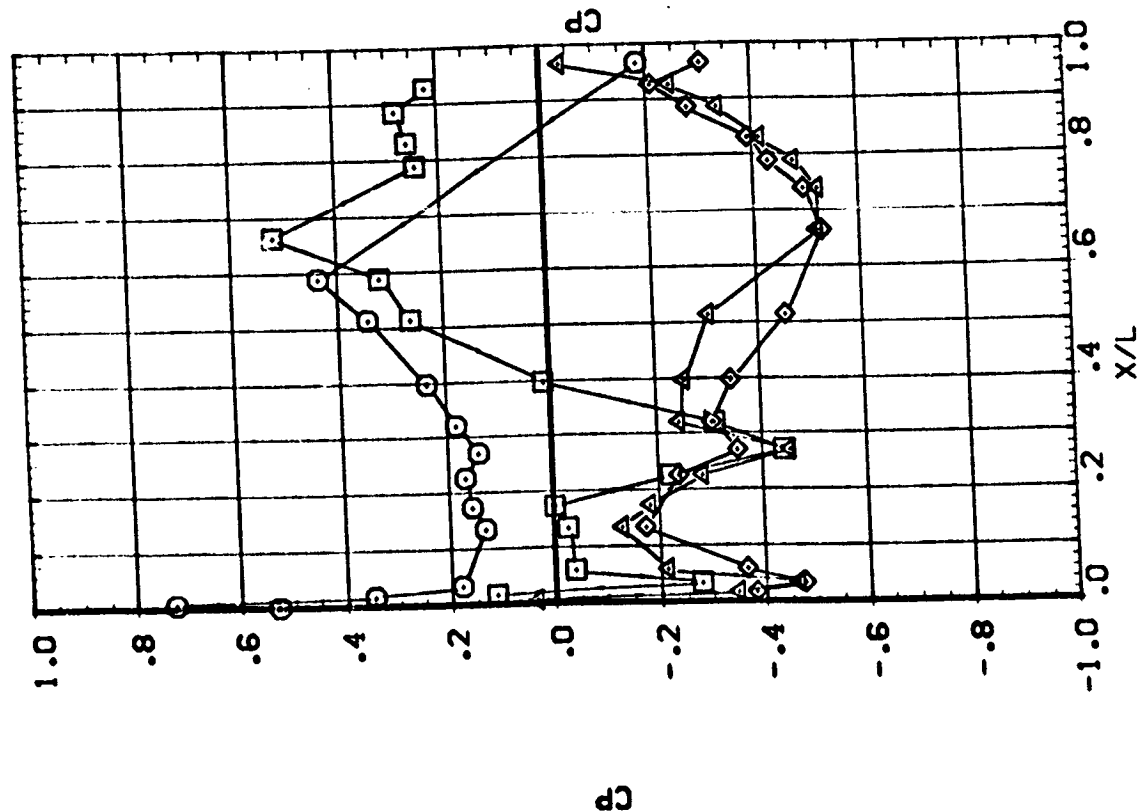
(RDLBC1)

5:000  
0.000  
40.000  
70.000  
90.000

ALPHA  
14.300  
16.300

BETA  
10.070

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000



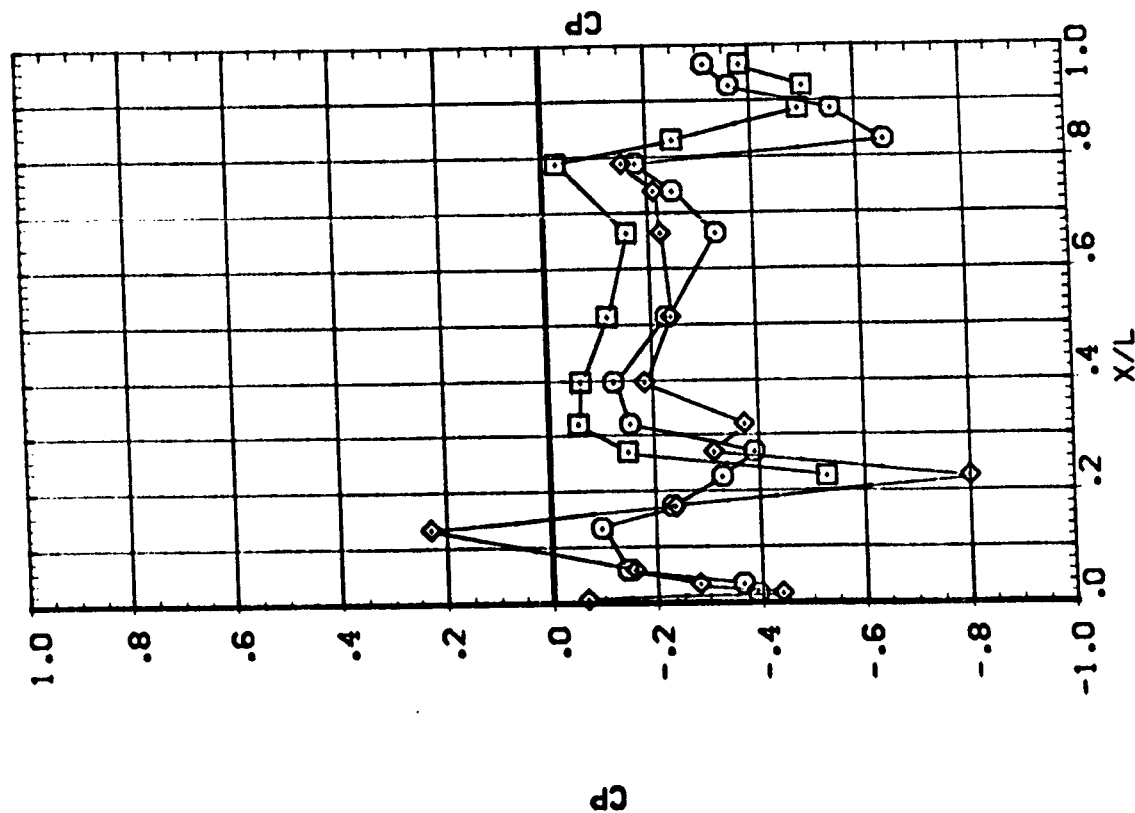
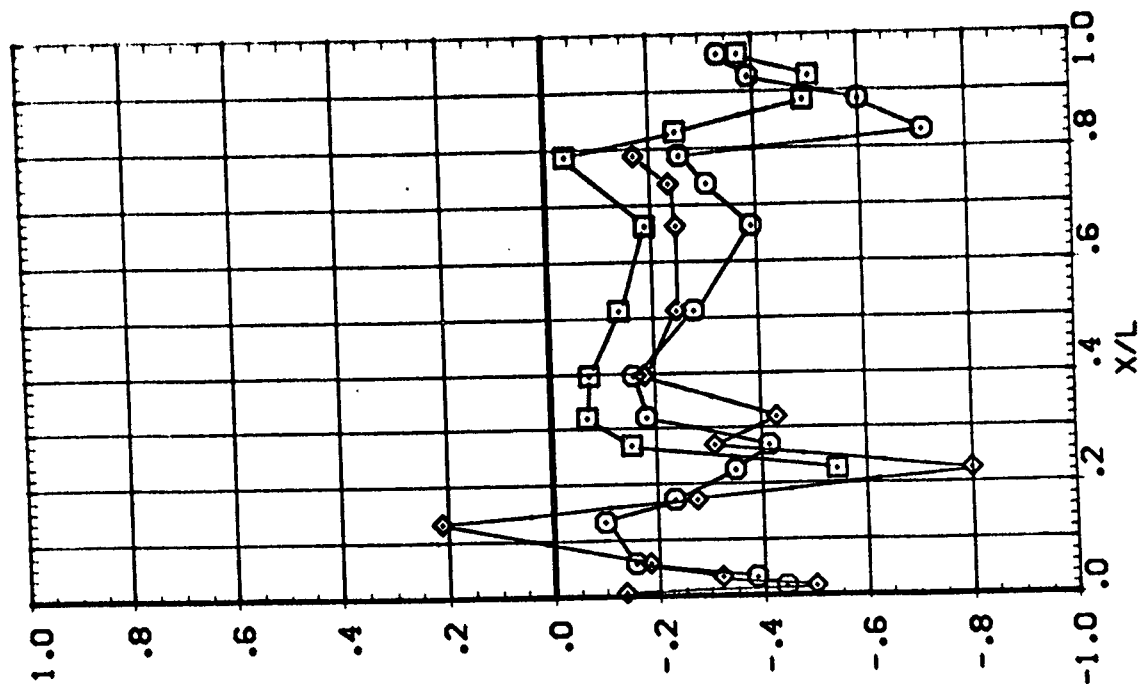
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

(RDLBC1)

3:00507V2F:W87E:8V5R5G: LEFT FUSELAGE

SYSC. PA: ALPHA BE TA  
:70.000 :4.300 :0.020  
:65.000 :16.300  
:80.000

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUOFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

PAGE 110



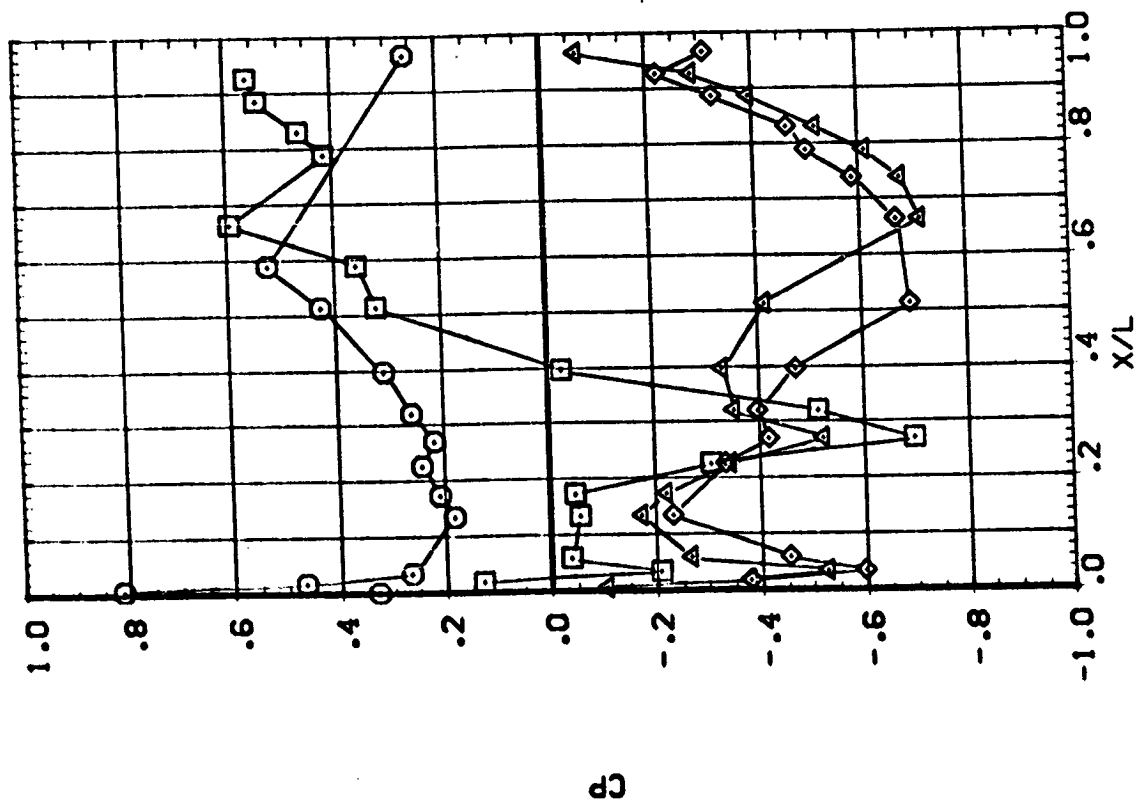
B:CCSC/M2:1W8/E:18VSR5G1 LEFT FUSELAGE

SYMBOL  
 — 0.000  
 — 40.000  
 — 70.000  
 — 90.000

ALPHA 18.31C 10.07C

(RDLB01)

PARAMETRIC VALUES  
 ELEVTR 40.000 RUDDER .000  
 RUFLR -10.000 FLAP .000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

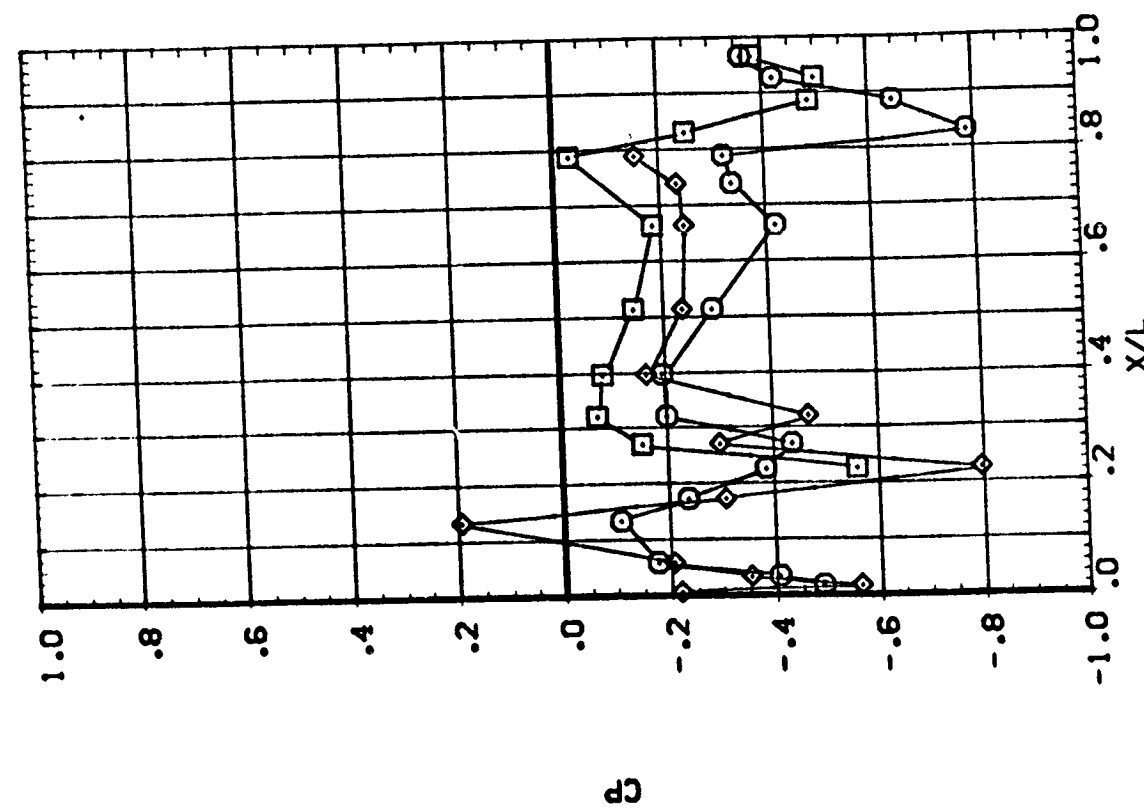


(RDLB01)

3:00507Y2F:W87E:8V5R5G: LEFT FUSELAGE

PARAMETRIC VALUES  
ELEVTR .000  
RUDDER .000  
FLAP -18.000

SYMBOL  
ALPHA 18.310  
BETA 15.020  
P1 120.000  
P2 165.000  
P3 180.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
PAGE 112

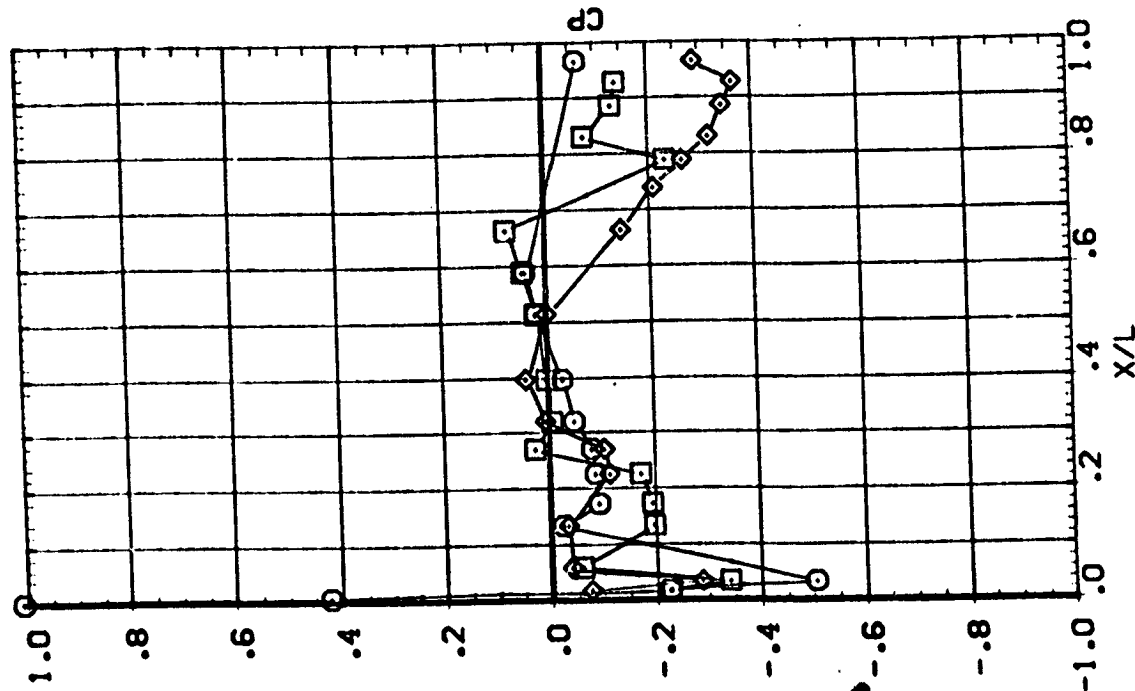
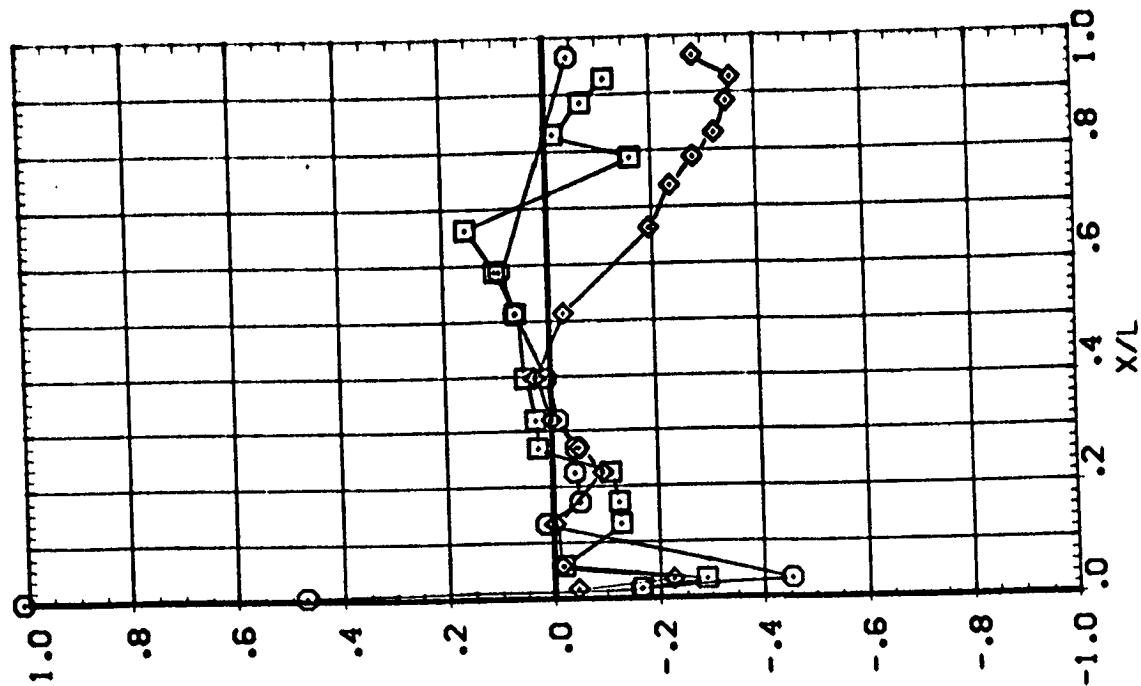


3:0053742:1487:1845256: LEFT FUSELAGE

(RDLB02)

PARAMETRIC VALUES  
ELEVTR 15.000 RUDDER .000  
RDOFLR 40.000 FLAP -18.000

SWSC-  
ALPHA 3.14  
-3.042 .000  
40.000 -1.000  
70.000



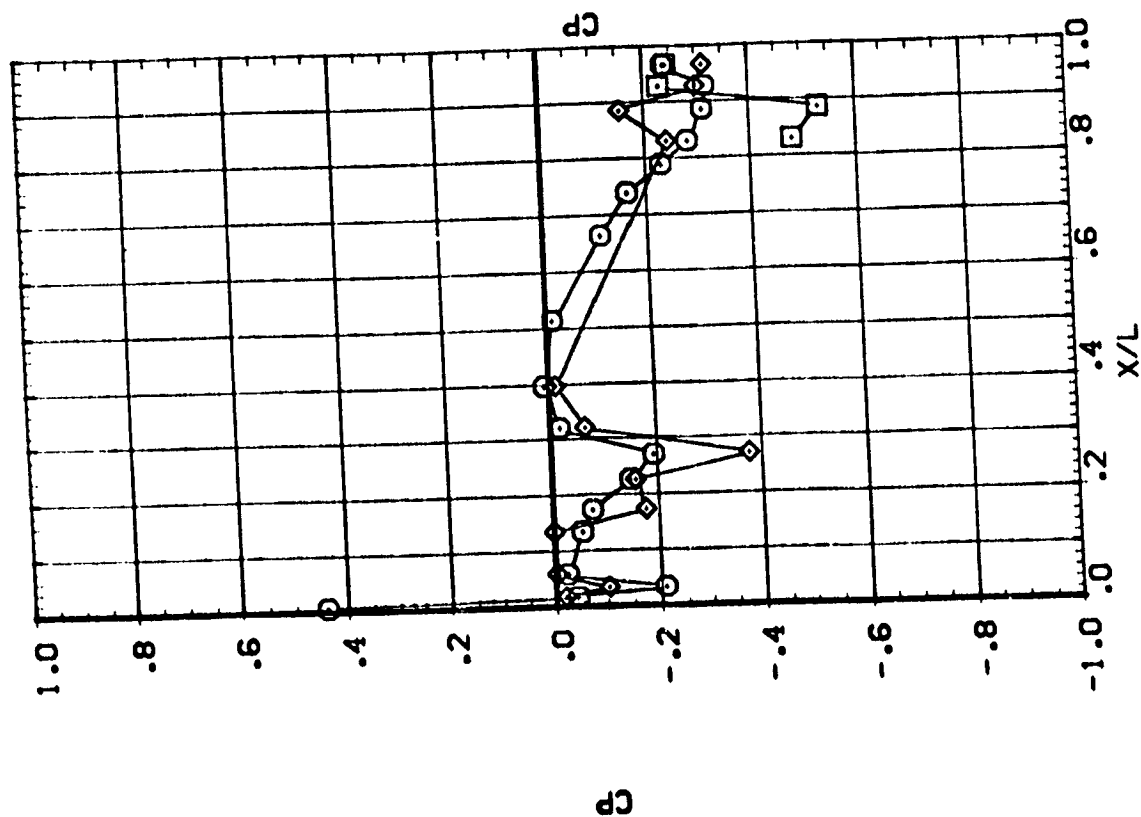
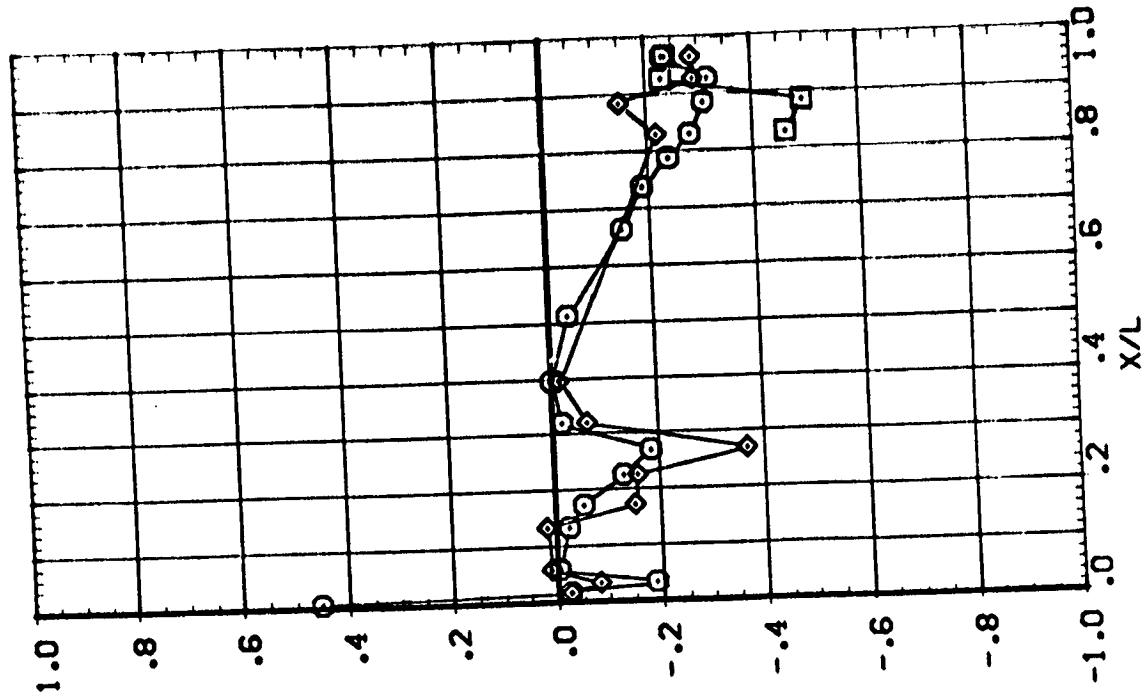
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+15 DEG. RUDDER = 0

3100507M2F:W87E18/5R55: LEE- FUSELAGE

S-VEG. P-1  
 50.000  
 100.000  
 150.000  
 200.000

ALPHA 3.000  
 BETA .000

PARAMETRIC VALUES  
 ELEVTR 15.000  
 RUDDER 40.000  
 FLAP .000  
 -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =15 DEG, RUDDER = 0



3:0050777: 187E: 18V5P5G: LEFT FUSELAGE

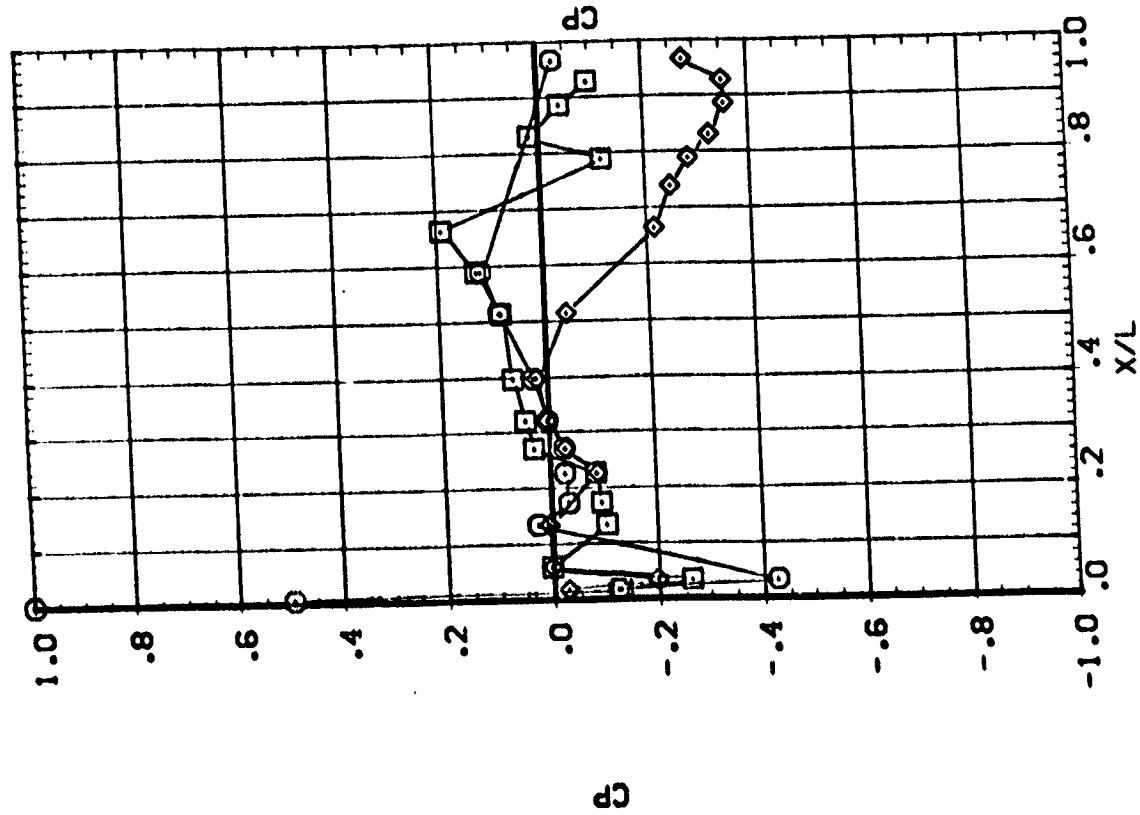
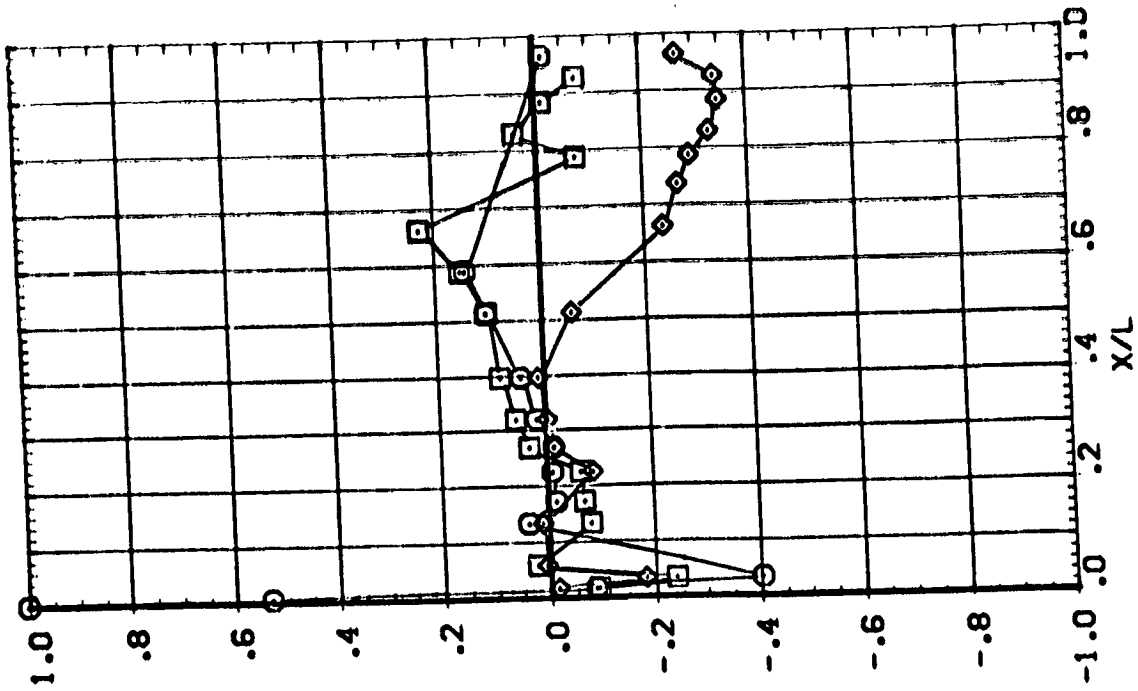
SYMBOL  
O  
□  
◇

DN: .0000  
40.000  
70.000

ALPHA .010  
BETA .000

(RDL302)

PARAMETRIC VALUES  
ELEVTR 15.000 RUDDER .000  
RUOFLR 40.000 FLAP -10.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+15 DEG, RUDDER = 0  
PAGE 115

8100507M2F1W87E18VSR50: LEFT FUSELAGE

(RDLB02)

SVBCL  
0010

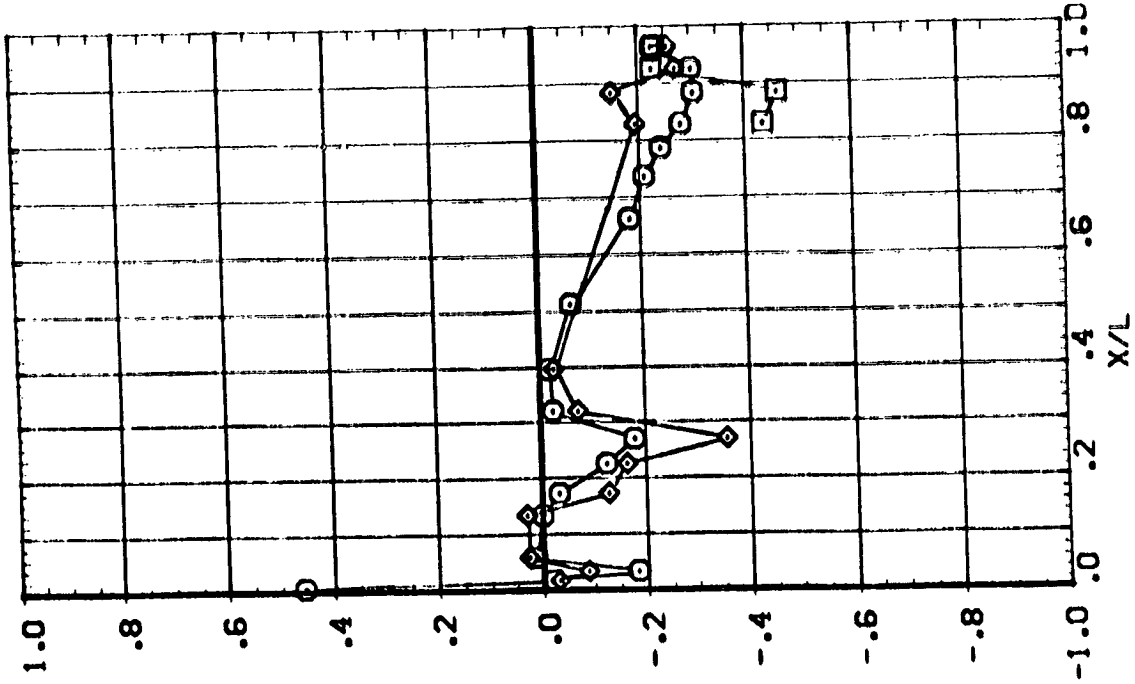
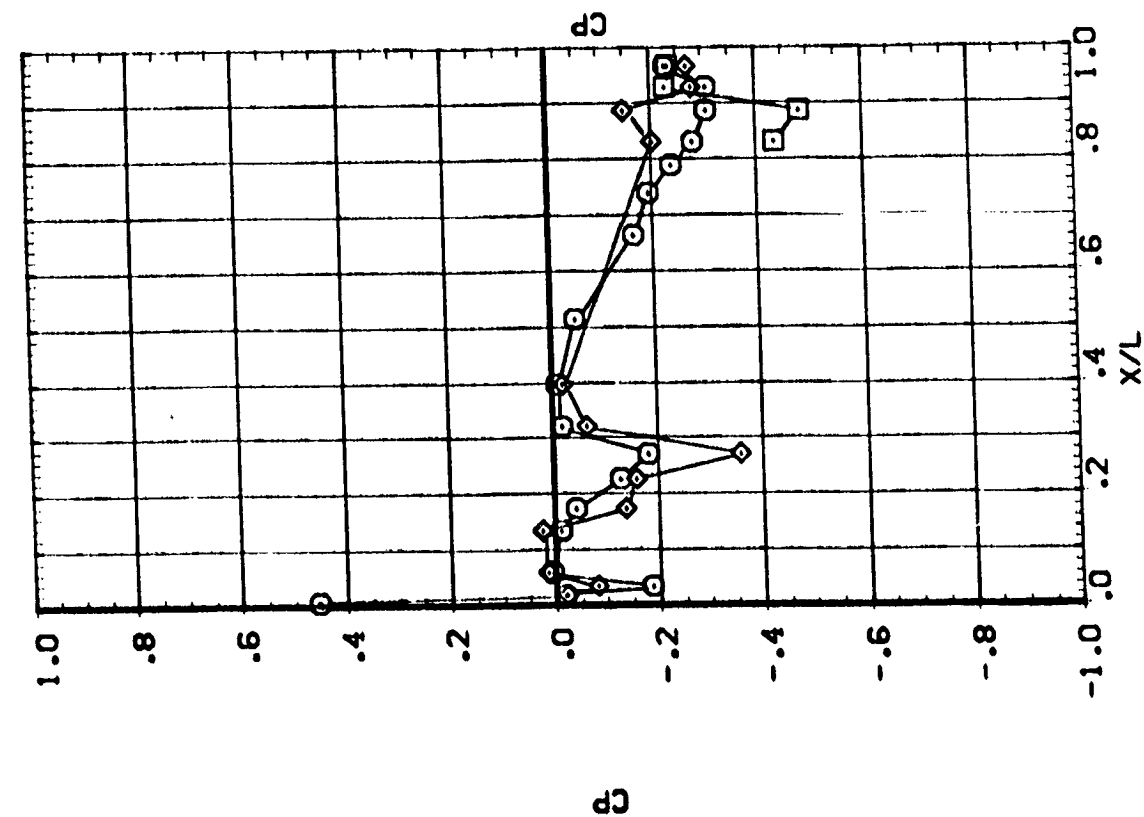
R-1  
90.000  
125.000  
120.000

ALPHA  
.010  
.090

BETA  
.000

PARAMETRIC VALUES

ELEVTR 15.000 RUDDER .000  
RUDDER 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+15 DEG, RUDDER = 0  
PAGE 116



3:00507N2F:W87E:8V5R5G: LEFT FUSELAGE

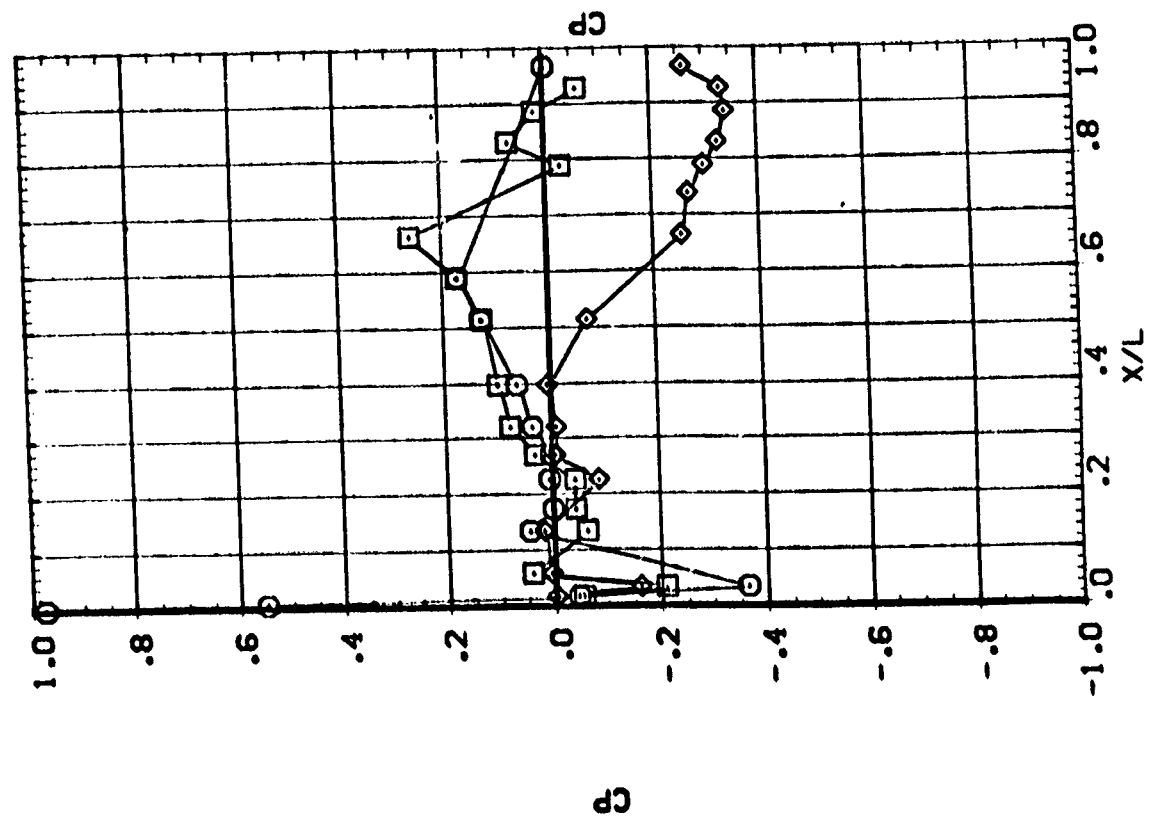
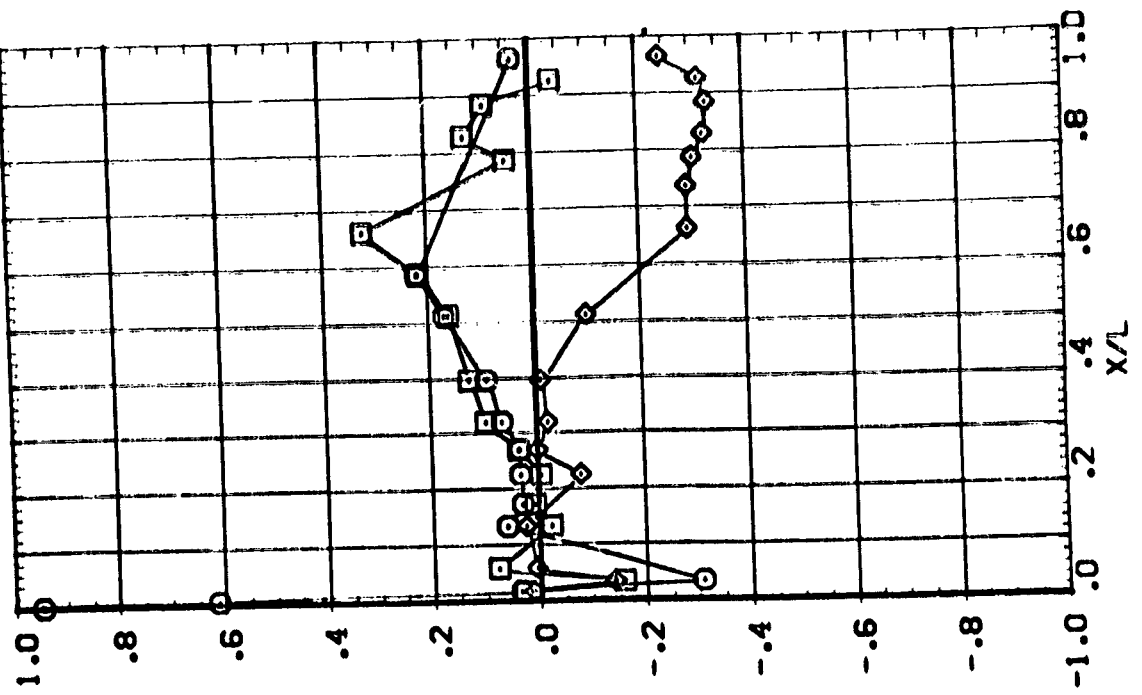
SYNCD  
 .000  
 45.000  
 70.000

ALPHA  
 2.030  
 4.030

BETA  
 .000

(R0\_B02)

PARAMETRIC VALUES  
 ELEVTR 15.000 RUDDER .000  
 RUDFLR 45.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR =+15 DEG. RUDDER = 0

PAGE 1:7

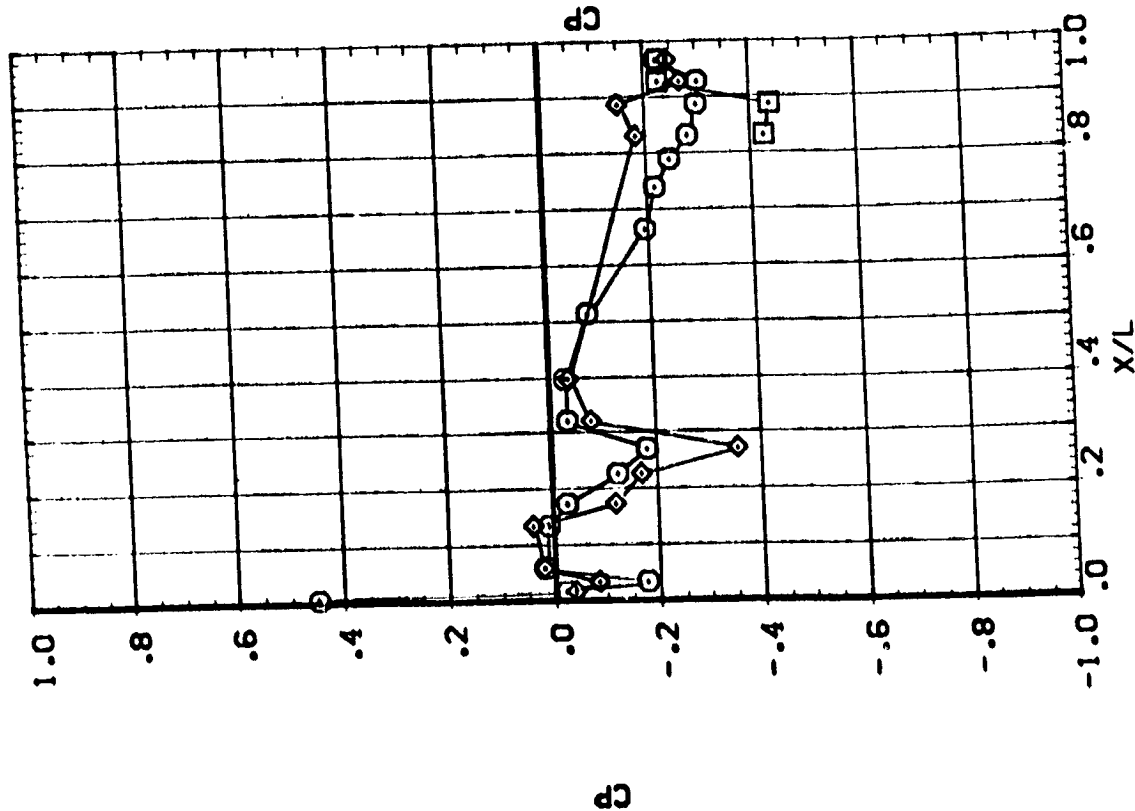
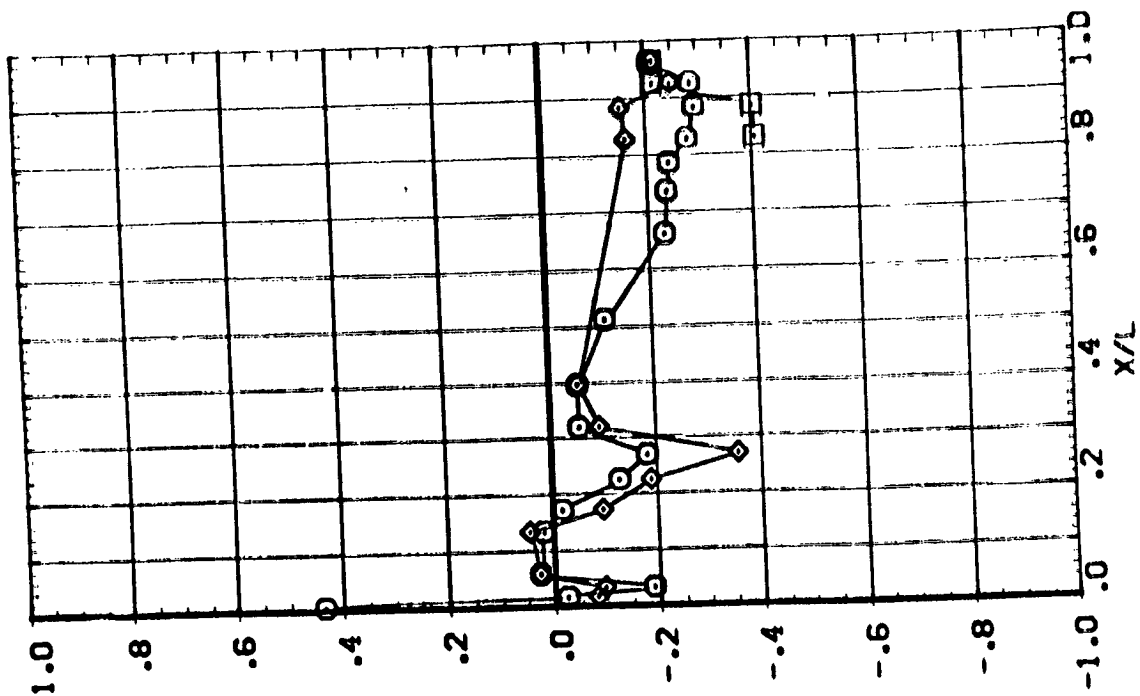
(RDL302)

3:005D7M7: 1A87E18VSR5G: LEFT FUSELAGE

SYMC  
O  
◇

ALPHA 2.000  
BETA 4.000

PARAMETER VALUES  
ELEVTR 15.000  
RUDDER 0.000  
FLAP 18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = 15 DEG, RUDDER = 0



3:00507M2E187E18VSR50: LEFT FUSELAGE

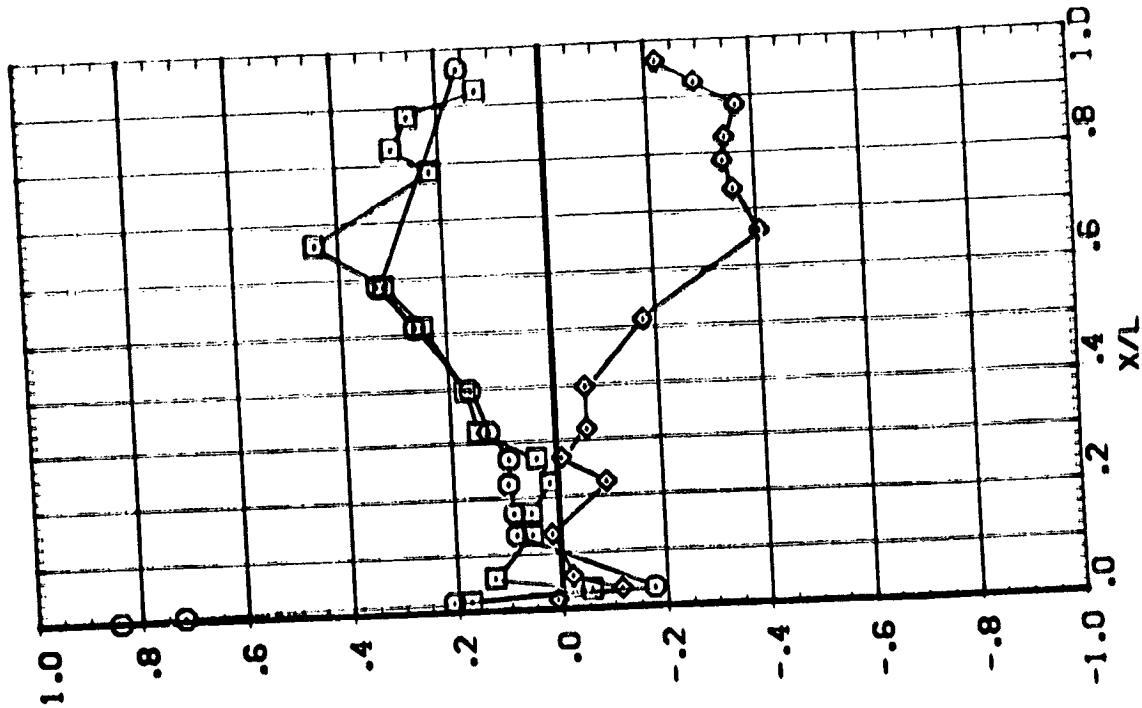
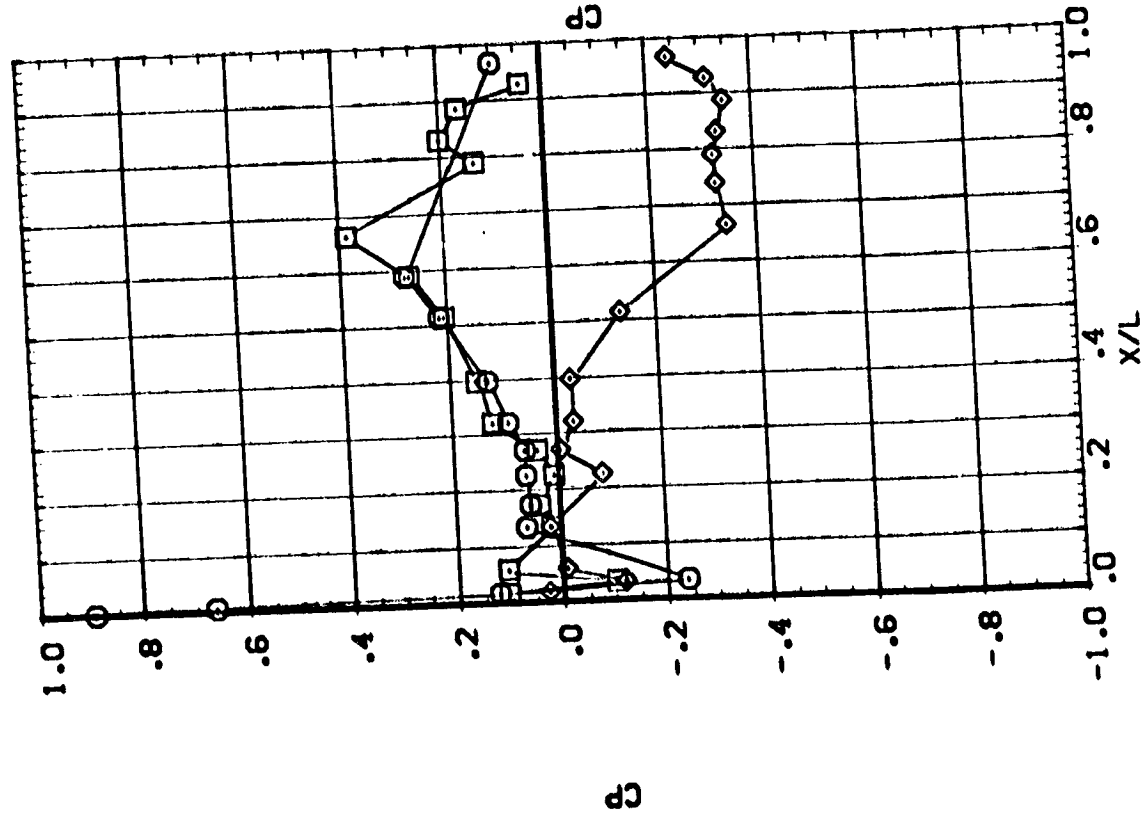
SYMBOL  
O  
□  
◇

ALPHA  
6.000  
8.000  
10.000

BETA  
0.000

(RDLBC2)

PARAMETRIC VALUES  
ELEVTR 15.000 RUDDER 0.000  
RDLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR =+15 DEG. RUDDER = 0



510055772: 1487E18VSR5G: LEFT FUSELAGE

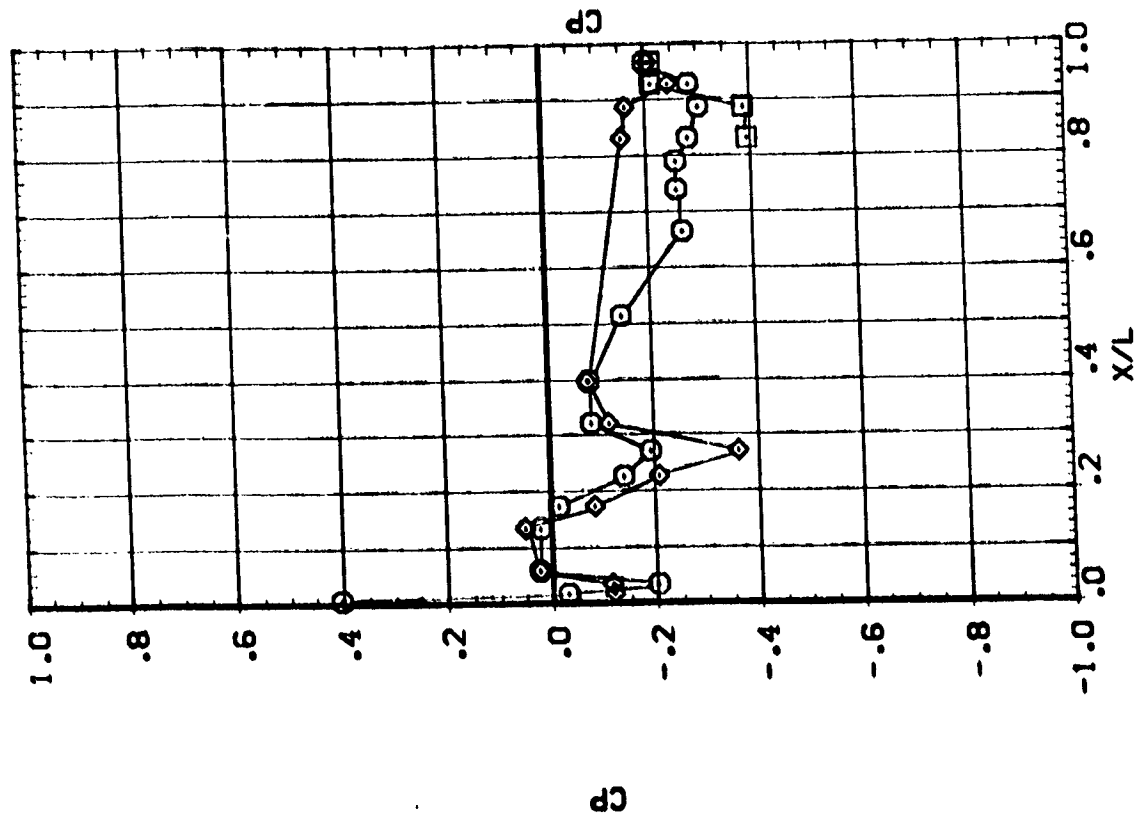
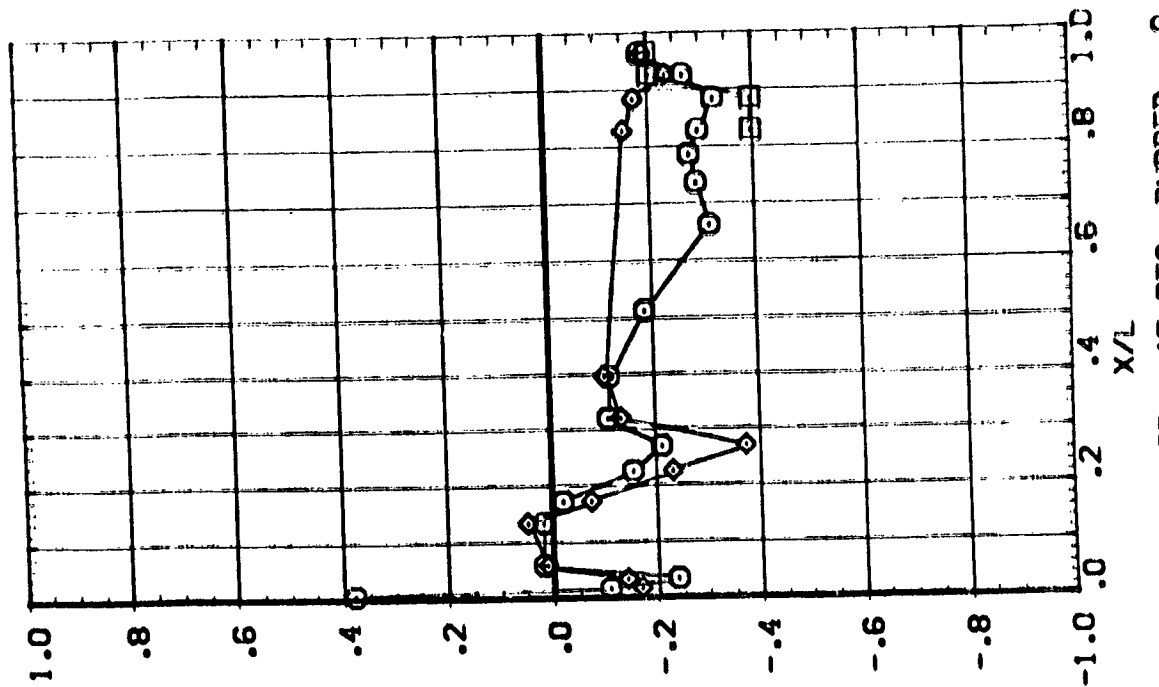
(R)13020

SWBC  
95.000  
105.000  
120.000

ALPHA  
8.080  
8.110

BETA  
0.000

GEOMETRIC VALUES  
ELEVTR 15.000 RUDDER 0.000  
RUDDLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE,  $\alpha = 15^\circ$  DEG, RUDDER = 0

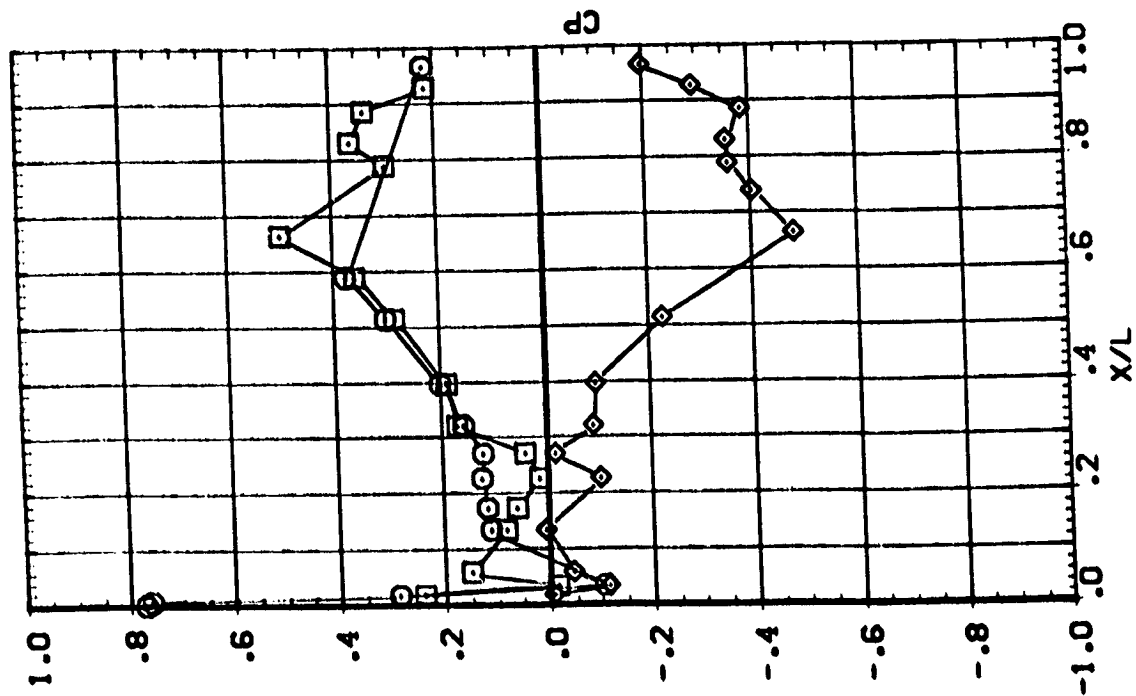
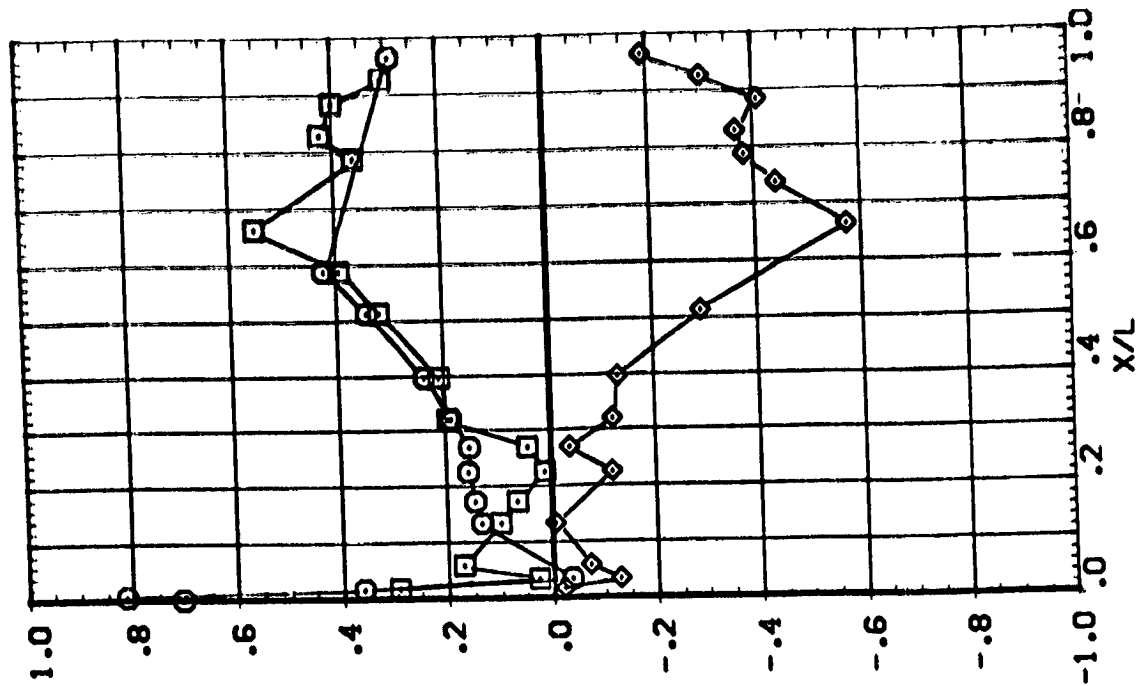


3:0050077:1A87E18V5R5G: LEFT FUSELAGE

(R01B02)

PARAMETRIC VALUES  
ELEVTR 15.000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000

SYMBOL  
ALPHA 10.170  
BETA .000  
15.000  
40.000  
70.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+15 DEG, RUDDER = 0

(RDLB02)

DISCOS07M7: 1487E:8VSR55: LEFT FUSELAGE

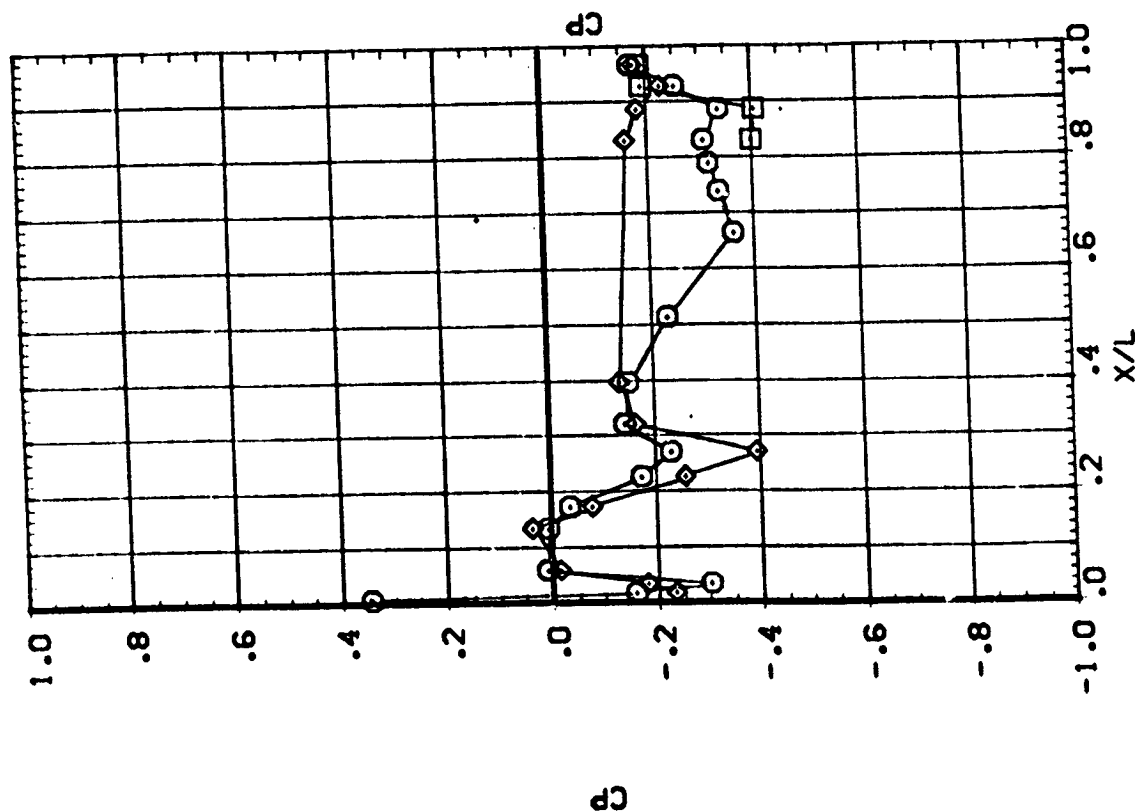
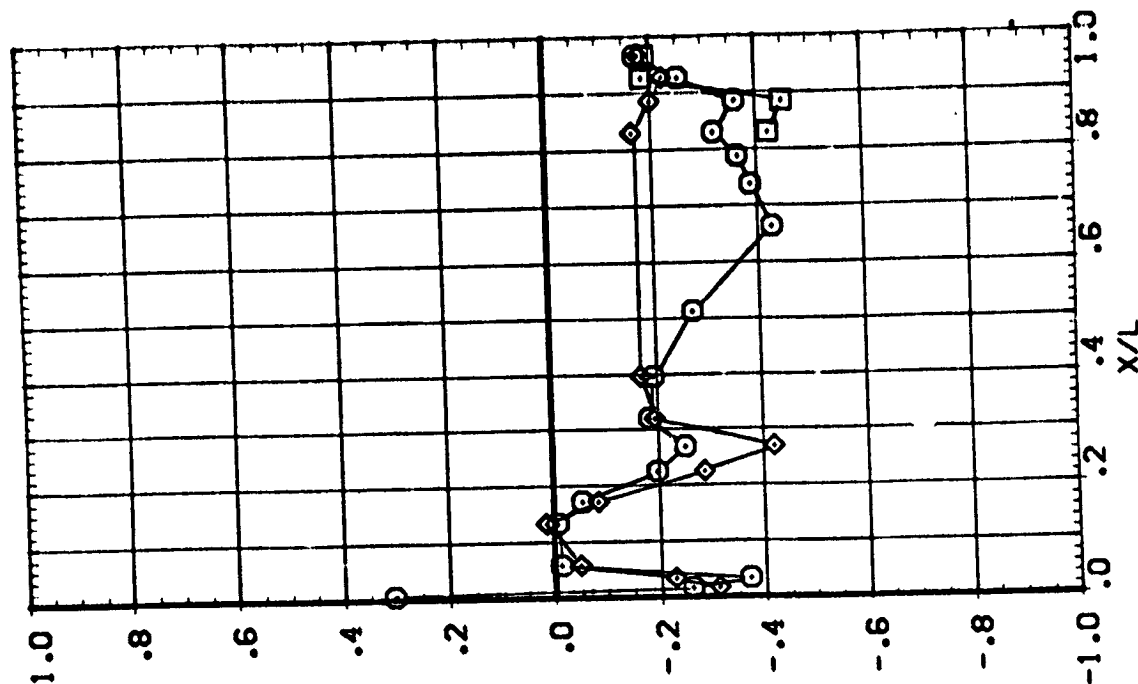
SYMBOL  
O  
O  
O  
O

PHI  
90.000  
105.000  
120.000

ALPHA  
10.170  
12.700

BETA  
.000

PARAMETRIC VALUES  
ELEVTR 15.000 RUDDER .000  
RDFLR 40.000 FLAP -18.000



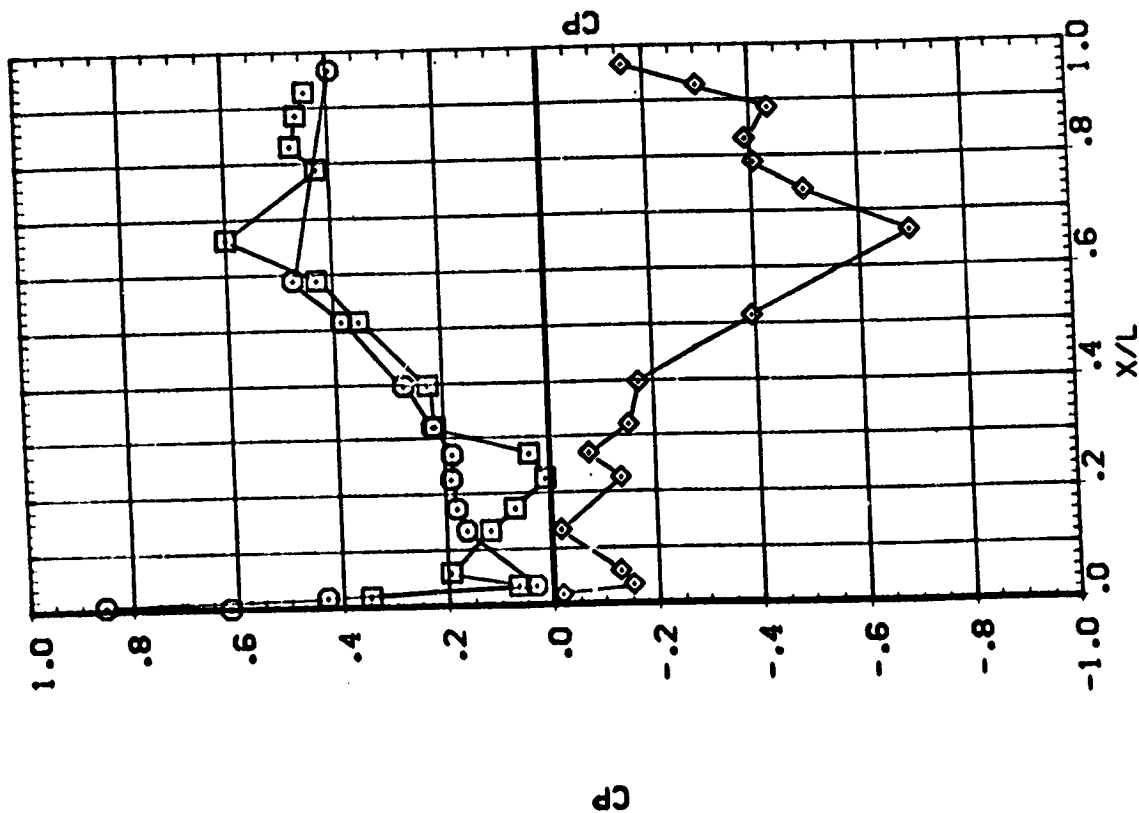
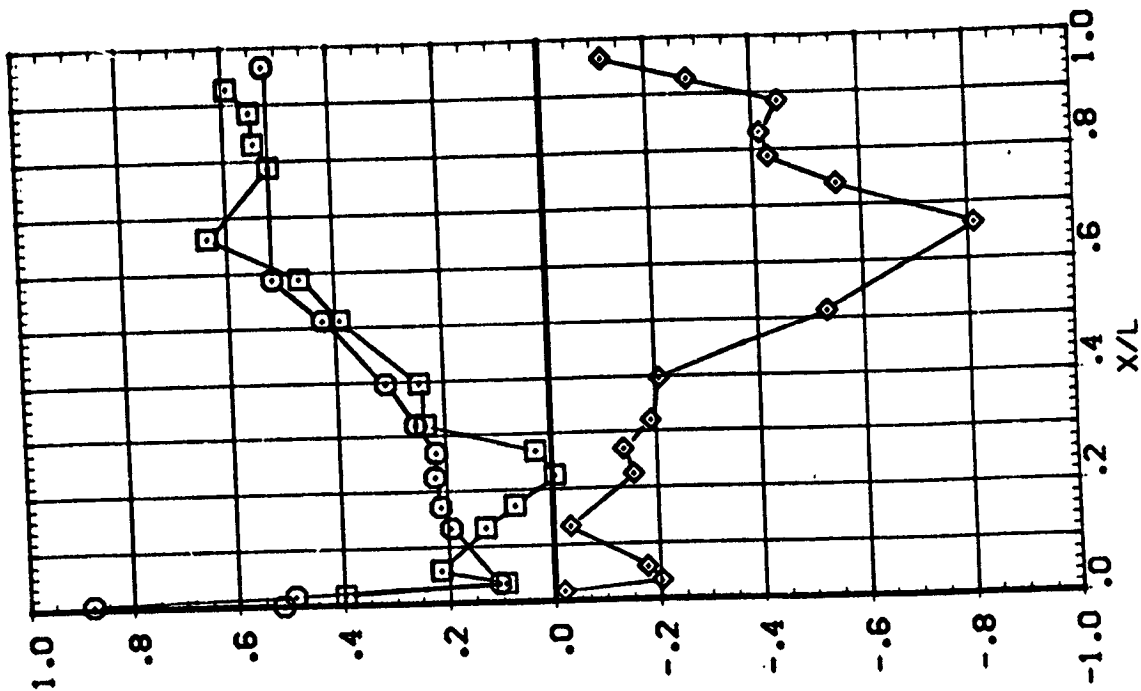
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+15 DEG. RUDDER = 0



3:00507M2F:W87E18VSR53: LEFT FUSELAGE

(RDLB02)

SYMBOL	ALPHA	BETA	PARAMETRIC VALUES
○	.000	.000	ELEVTR 15.000 RUDDER .000
□	40.000	16.230	FLAP -18.000
◇	75.000		



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+15 DEG, RUDDER = 0

(RDLB02)

B1005D7V2F1A87E18VSR5G: LEFT FUSELAGE

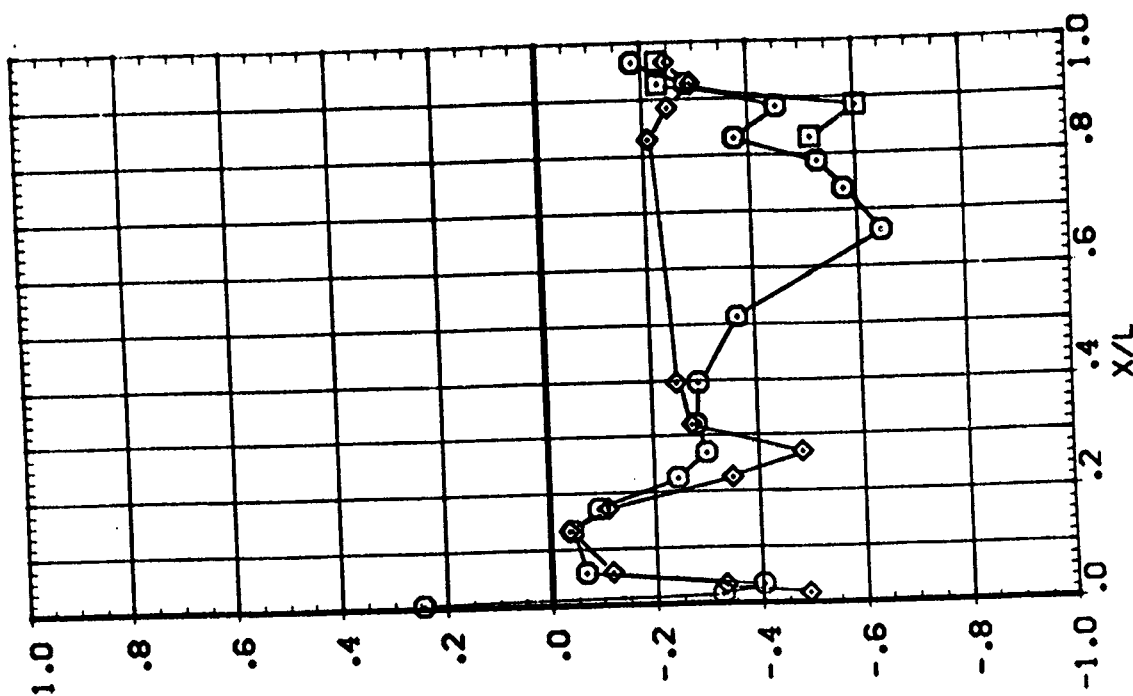
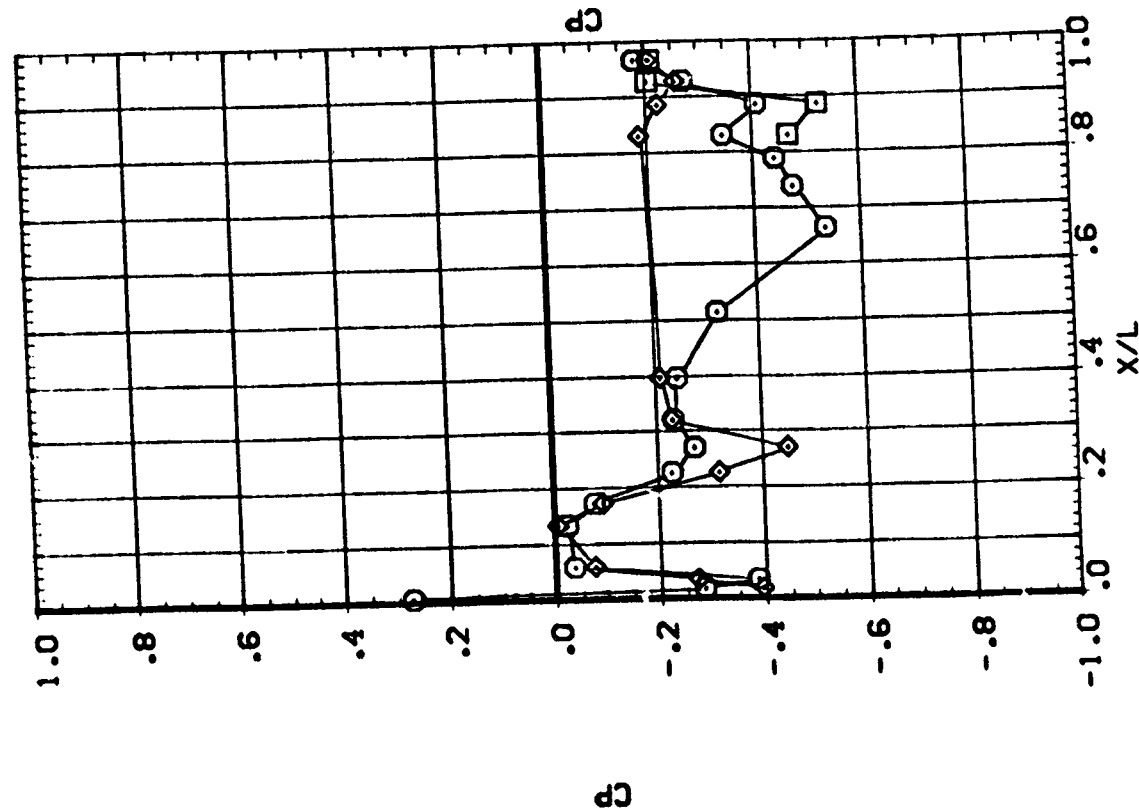
SYMBOL  
○ □ ◇

PAI  
90.000  
105.000  
120.000

ALPHA  
14.240  
16.230

BETA  
.000

PARAMETRIC VALUES  
15.000 RUDDER  
40.000 FLAP  
.000  
-18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = +15 DEG, RUDDER = 0  
PAGE 124

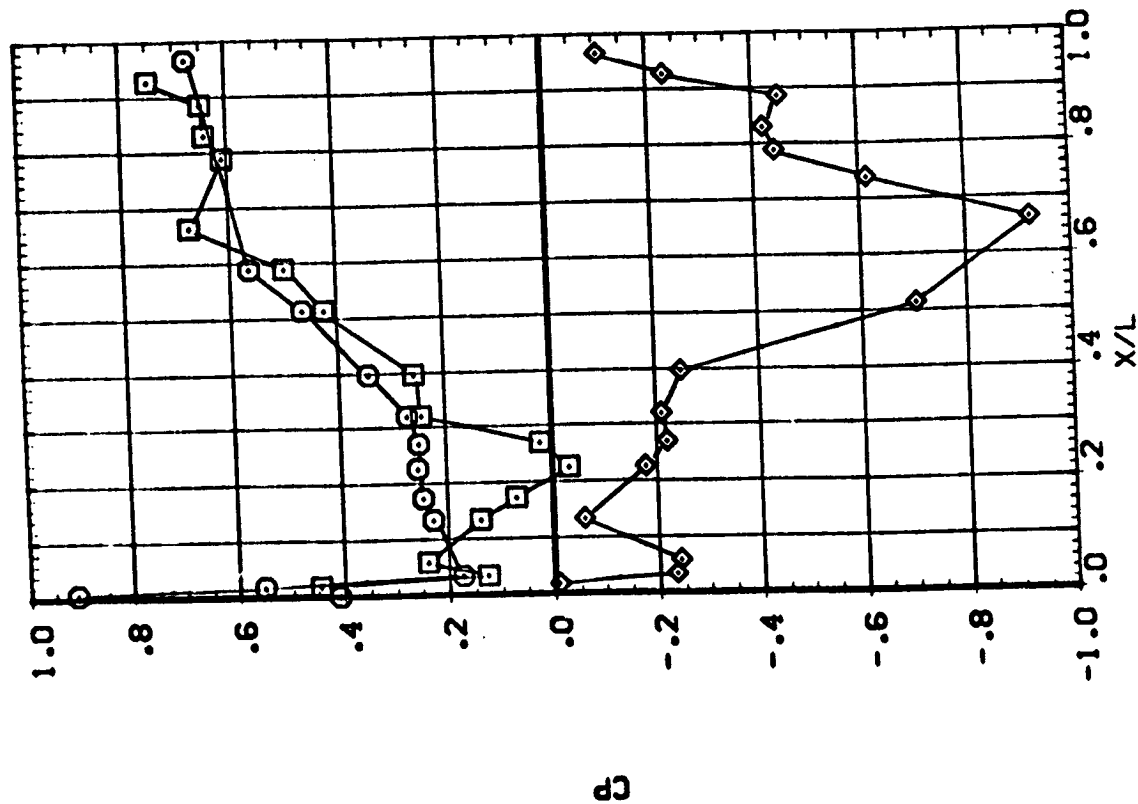


3:0050742F1A87E18V5R5G: LEFT FUSELAGE

(RDLB02)

PARAMETRIC VALUES  
ELEVTR 15.000 RUDDER .000  
RLOFLR 40.000 FLAP -10.000

SYNTH  
PDI: .000 ALPHA 18.300 BETA .000  
40.000  
70.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+15 DEG, RUDDER = 0

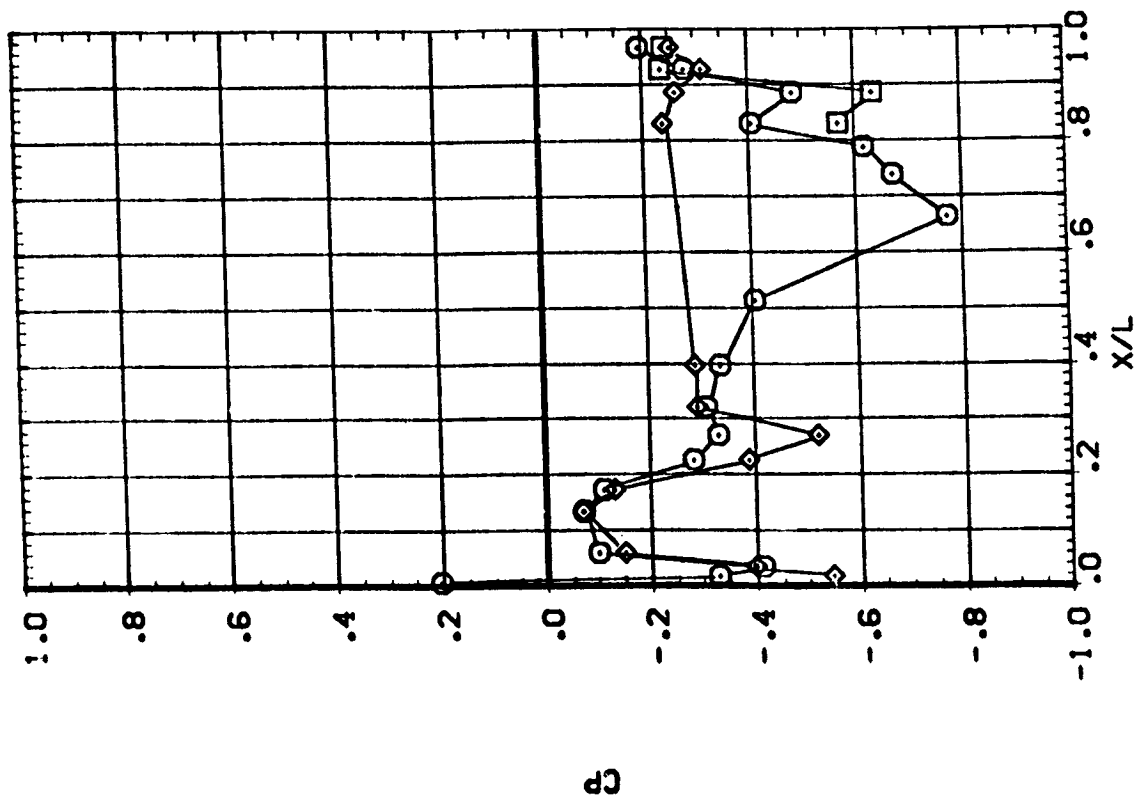
(RDLB02)

5.0000000 1.8751805R50: LEFT FUSELAGE

SYSC-  
90.000  
105.000  
120.000

ALPHA 18.300  
BETA .000

PARAMETRIC VALUES  
ELEVTR 15.000  
RUDDER 40.000  
FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+15 DEG, RUDDER = 0

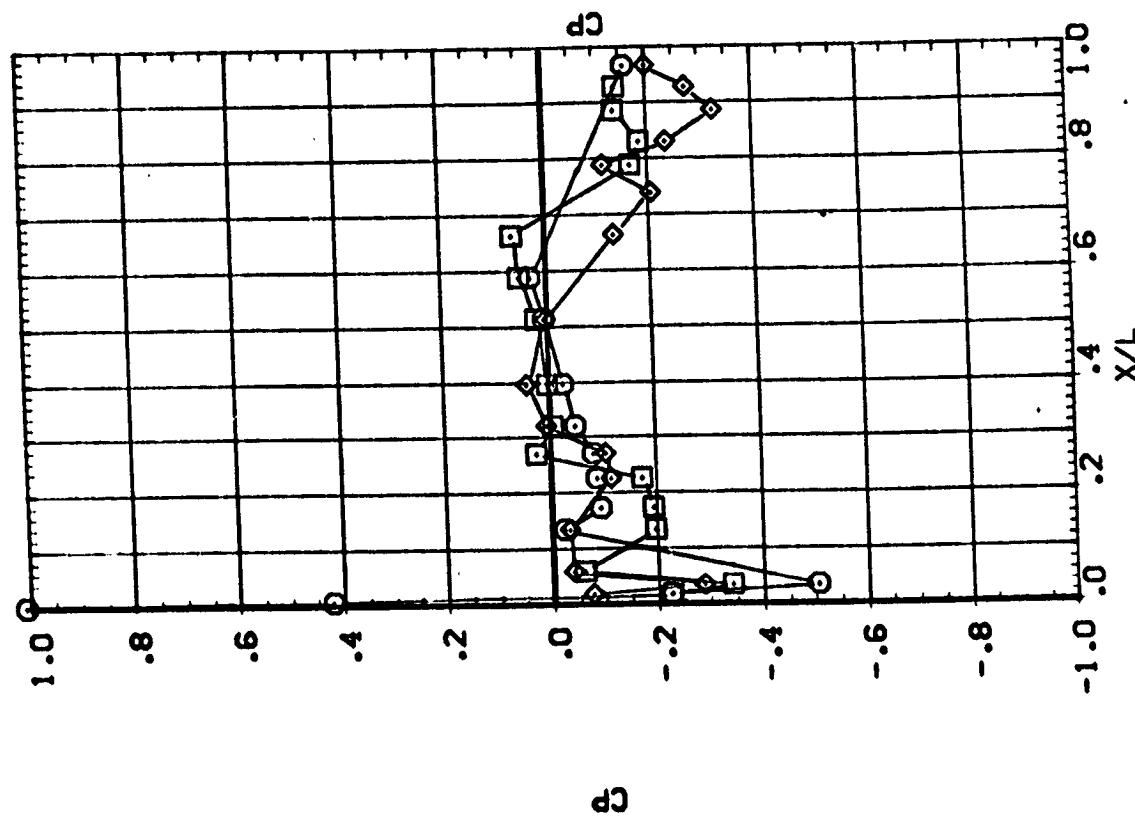
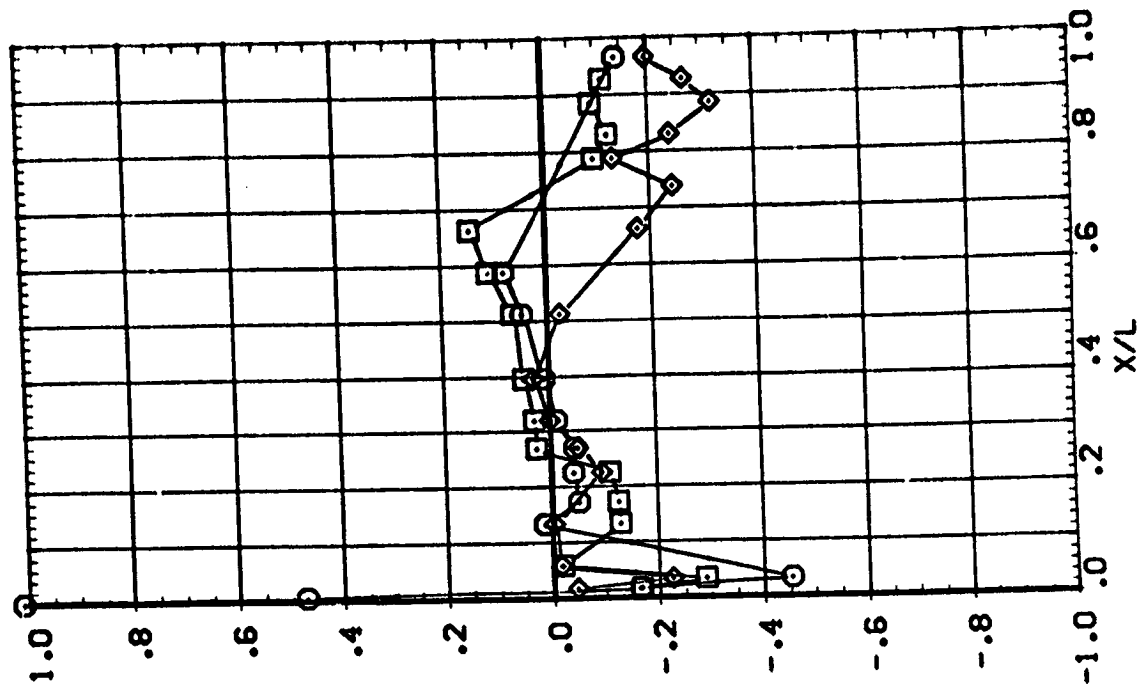


3:CC5J7M2:1W87E:8VSR5G1 LEFT FUSELAGE

(RDLB03)

PARAMETRIC VALUES  
ELEVTR 10.000 RUDDER .000  
RUOFLR 40.000 FLAP -18.000

SYMBOL  
ALPHA -3.040  
BETA .000  
40.000  
70.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG, RUDDER = 0  
PAGE :27



(RDL803)

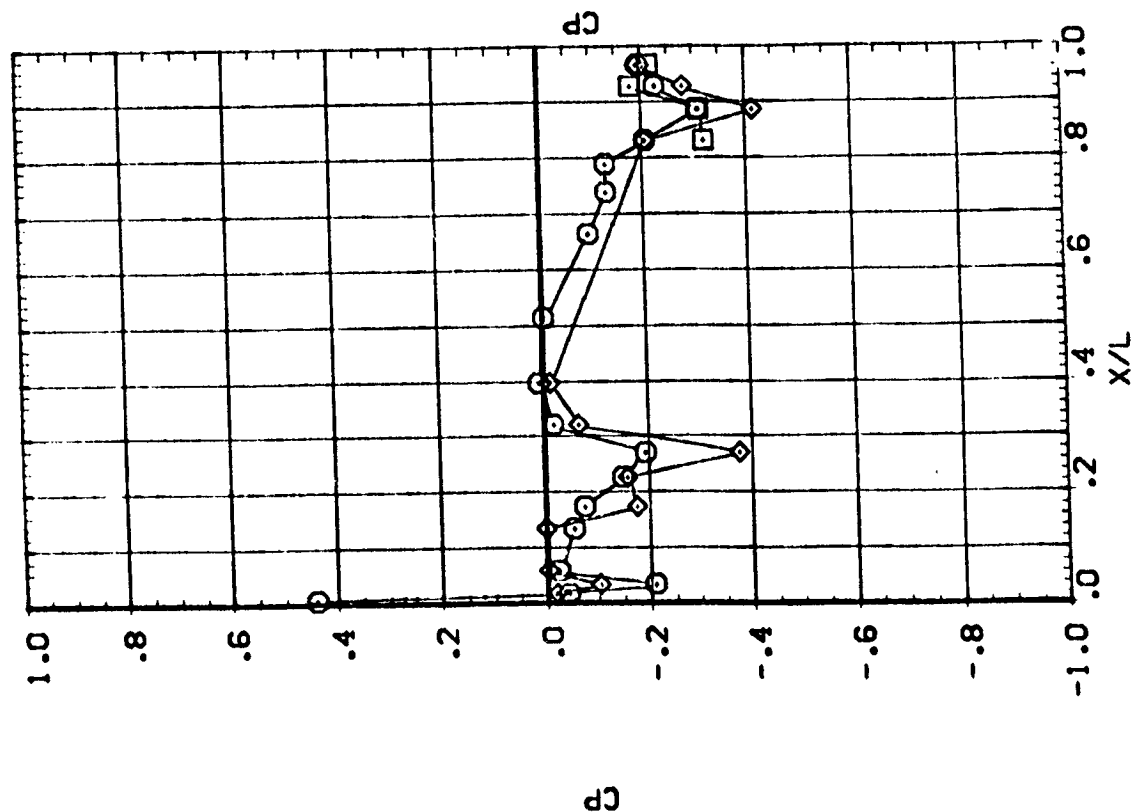
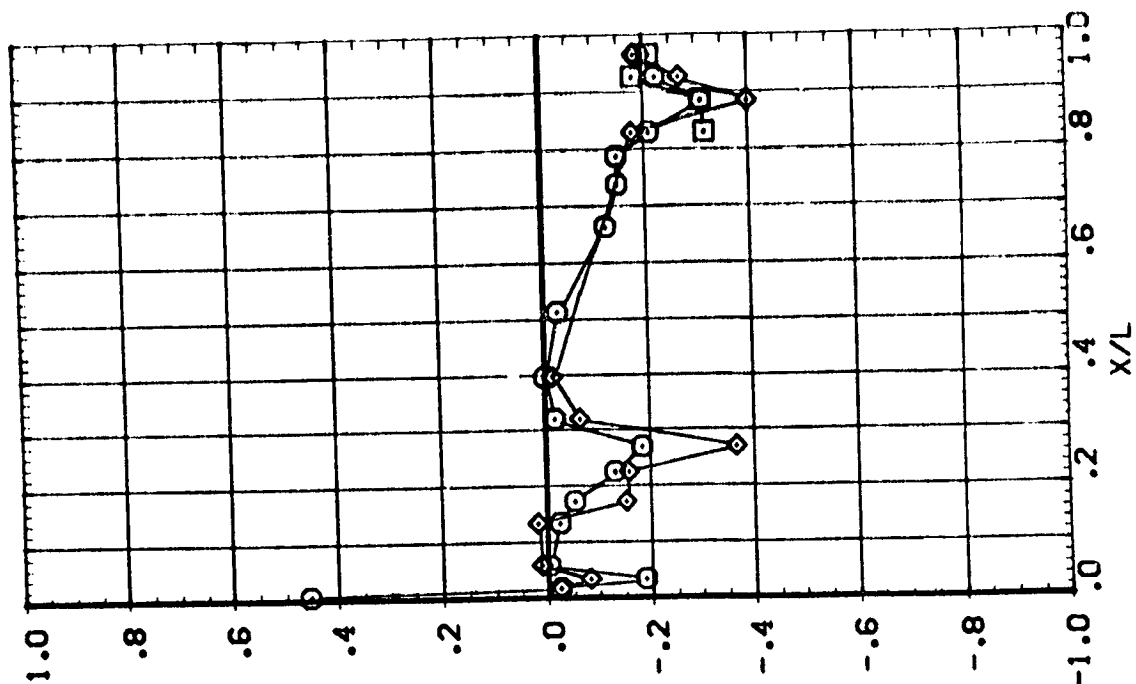
5100507721:W87E18V5R55: LEFT FUSELAGE

SYNCH  
 90.000  
 105.000  
 120.000

ALPHA  
 3.040  
 1.000

BETA  
 .000

PARAMETRIC VALUES  
 ELEVTR 10.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG, RUDDER = 0



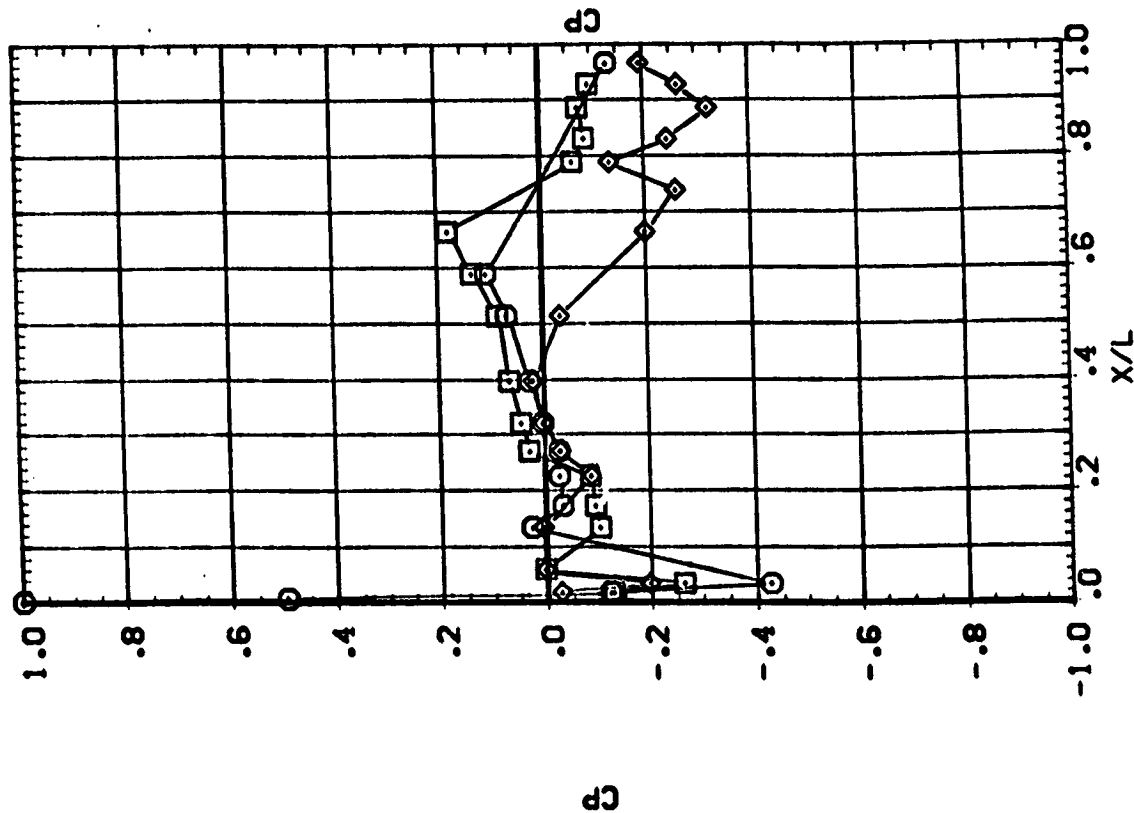
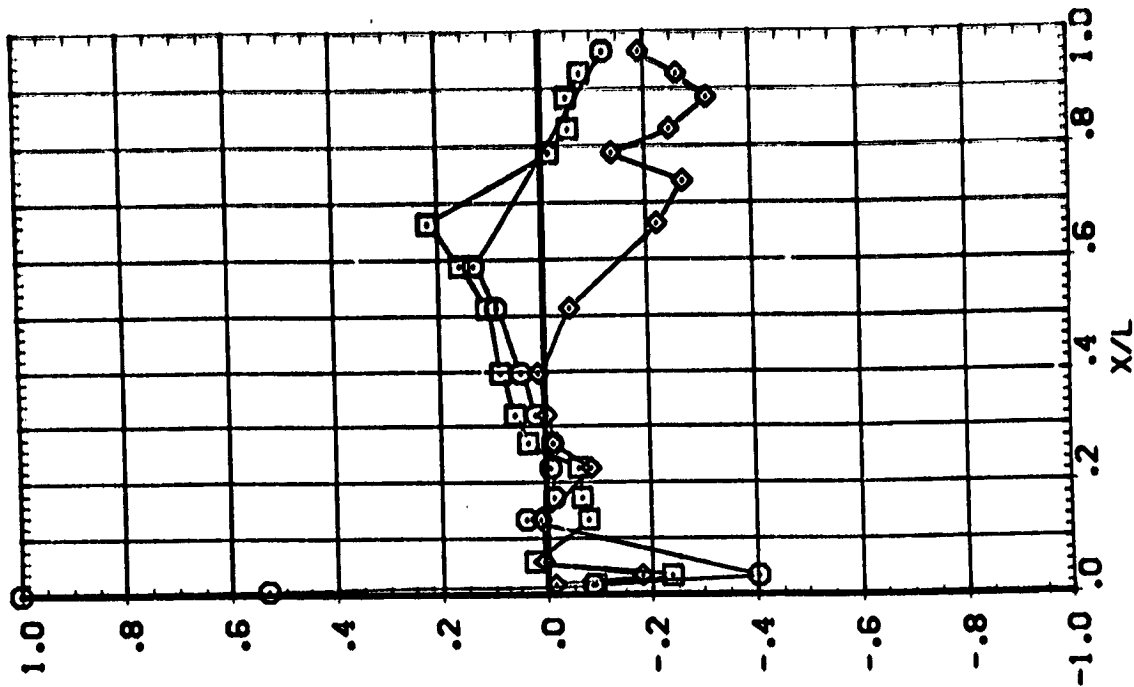
B100007M2F:W87E:8VSR5G: LEFT FUSELAGE

(RDLB03)

SYMBOL  
□  
◇

PHI .000  
40.000  
70.000  
ALPHA .010  
BETA .000

PARAMETRIC VALUES  
ELEVTR 10.000 RUDDER .000  
RDFLR 40.000 FLAP -10.000



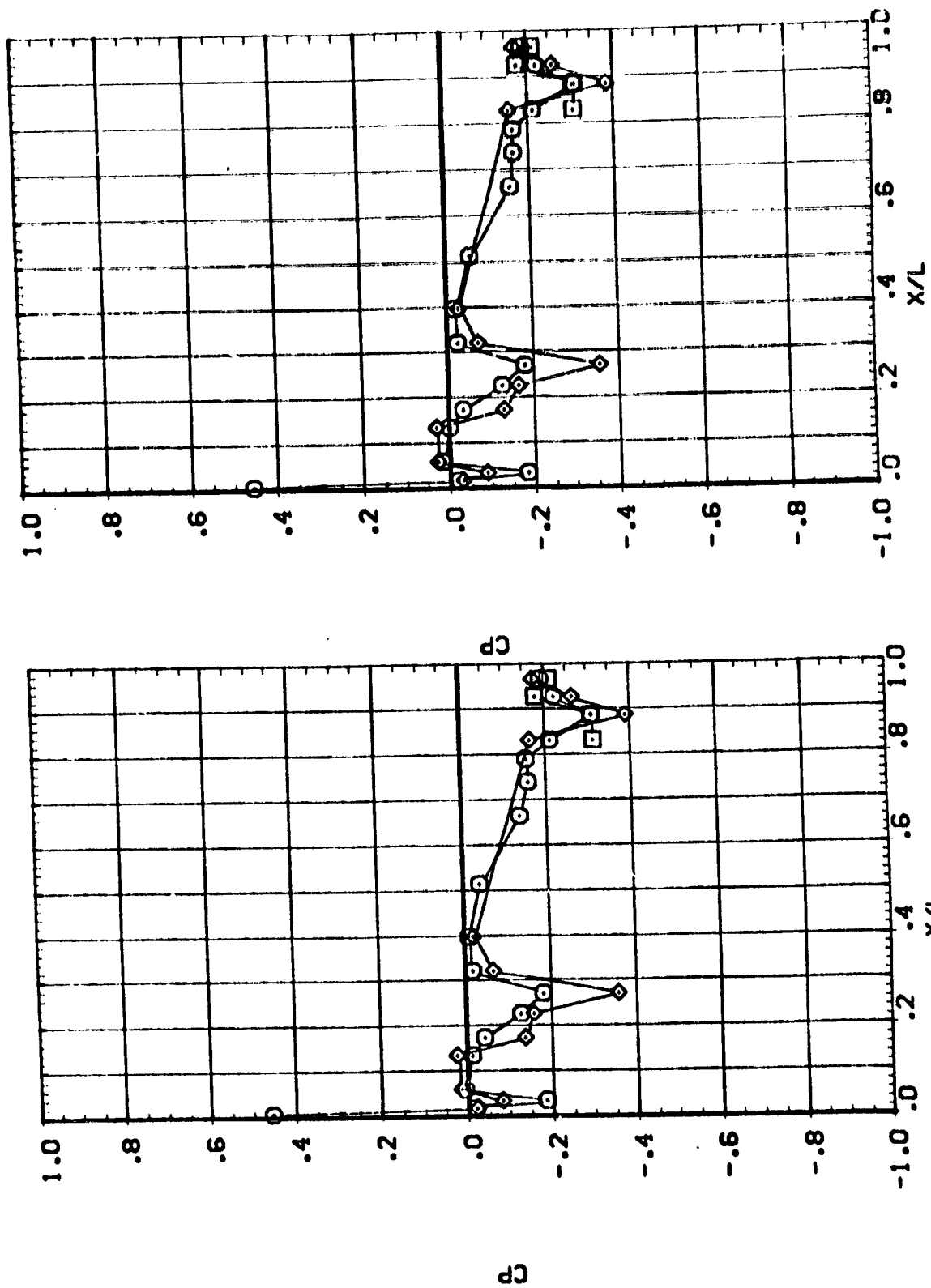
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG, RUDDER = 0

3100507V2: 1487E18V5R5G1 LEFT FUSELAGE

(RD-803)

PARAMETRIC VALUES  
 ELEVTR 10.000 RUDDER .000  
 RUDDER 40.000 FLAP -10.000

SYNTH  
 Pn: 90.000  
 A-Pn: .010  
 IS TA .000  
 .000  
 .000  
 .000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG, RUDDER = 0

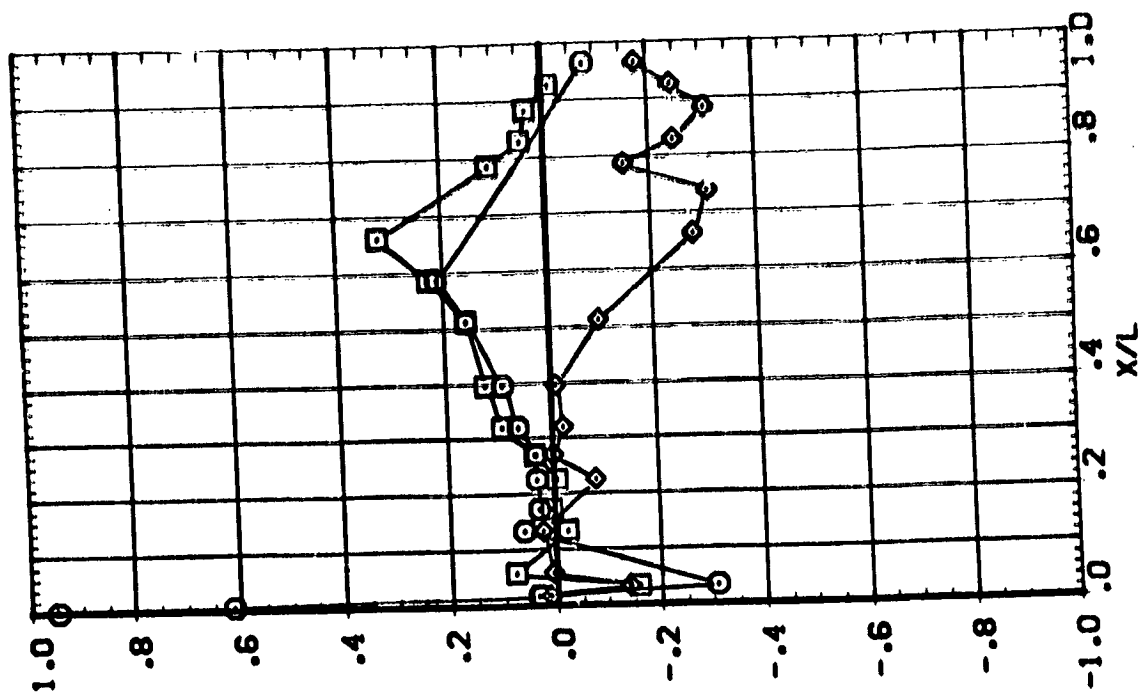
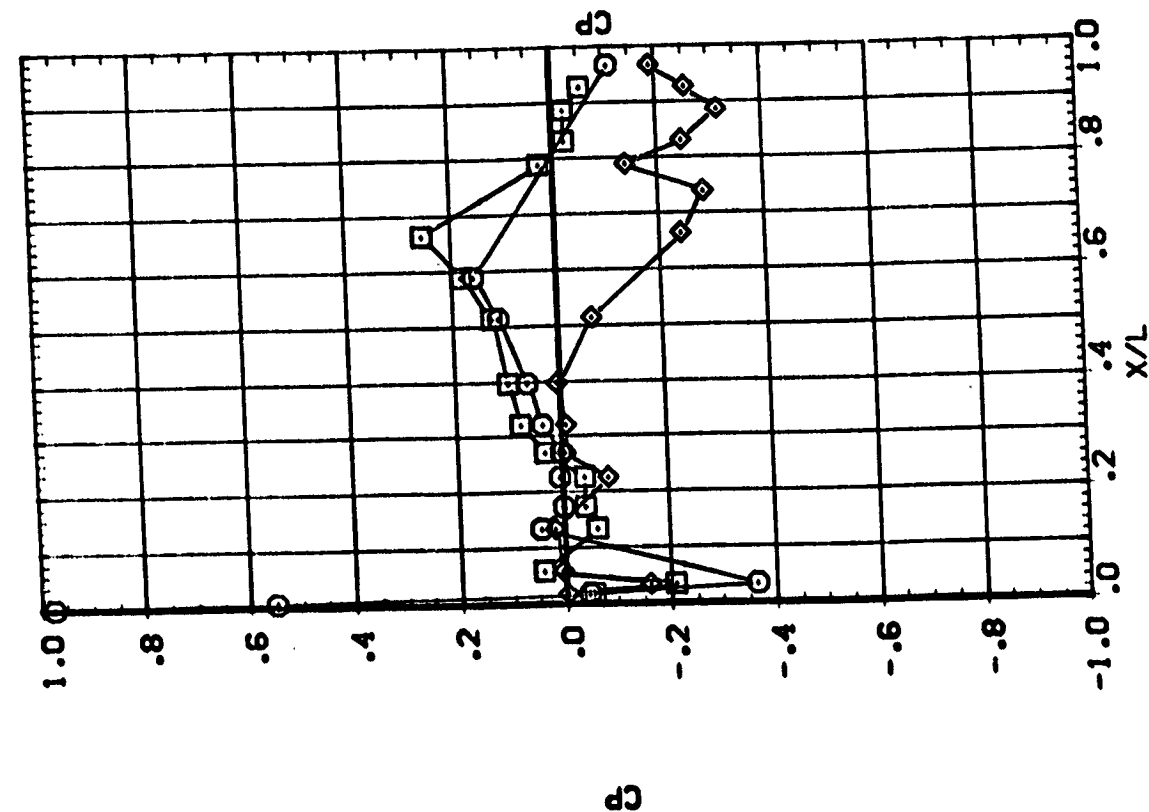


B:00507Y2F:W87E18VSR50: LEF FUSELAGE

(RDLB03)

SYMBOL  
 P-1  
 .000  
 40.000  
 70.000  
 ALPHA  
 2.000  
 4.000  
 BETA  
 .000

PARAMETRIC VALUES  
 ELEVTR 10.000  
 RUDFLR 40.000  
 RUDR 10.000  
 FLAP -10.000



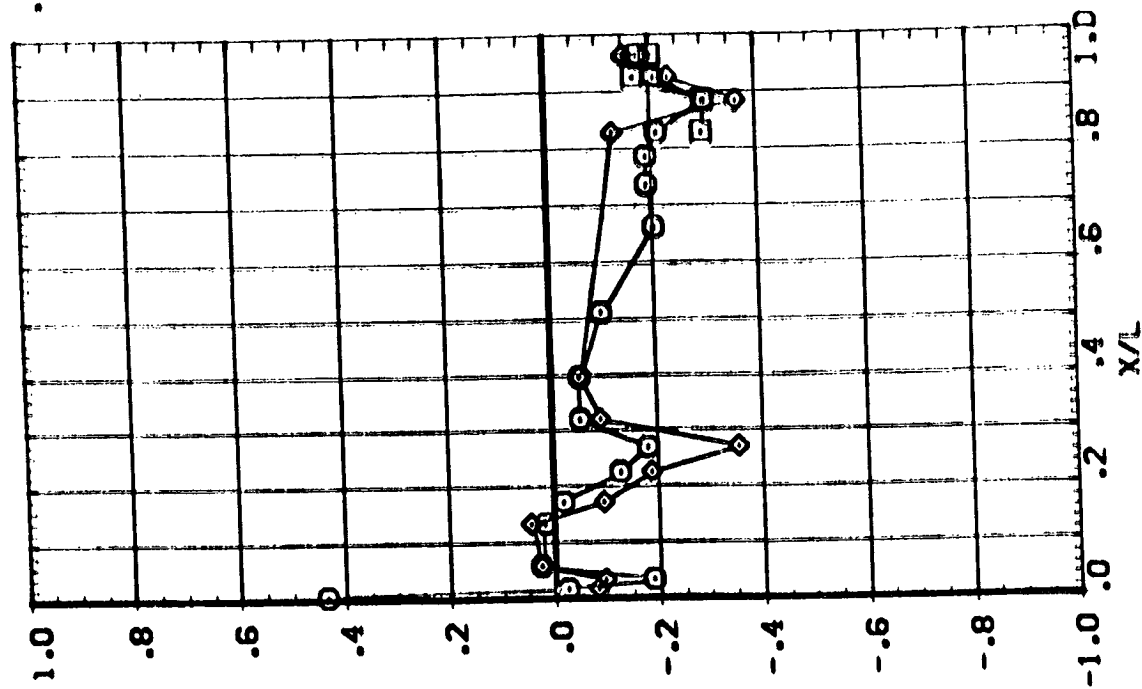
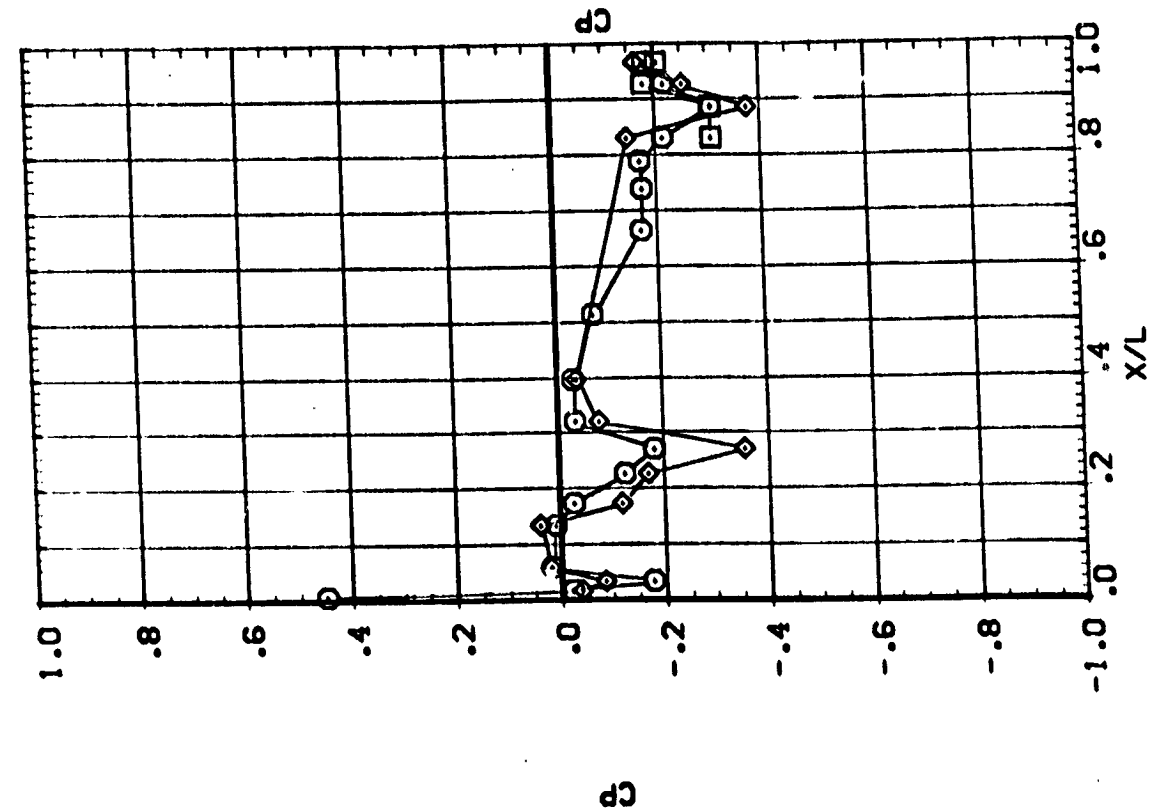
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR =+10 DEG. RUDR = 0

3:00507N2F:W87E:8V5R5G: LEFT FUSELAGE

(R01303)

SYMBOL:  $\diamond$   
 P-1: 90.000  
 105.000  
 120.000  
 ALPHA: 2.03C  
 4.03C  
 BETA: .00C

PARAMETRIC VALUES  
 ELEVTR 10.00C  
 RUDDER 40.00C  
 FLAP .00C  
 -18.00C



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG, RUDDER = 0

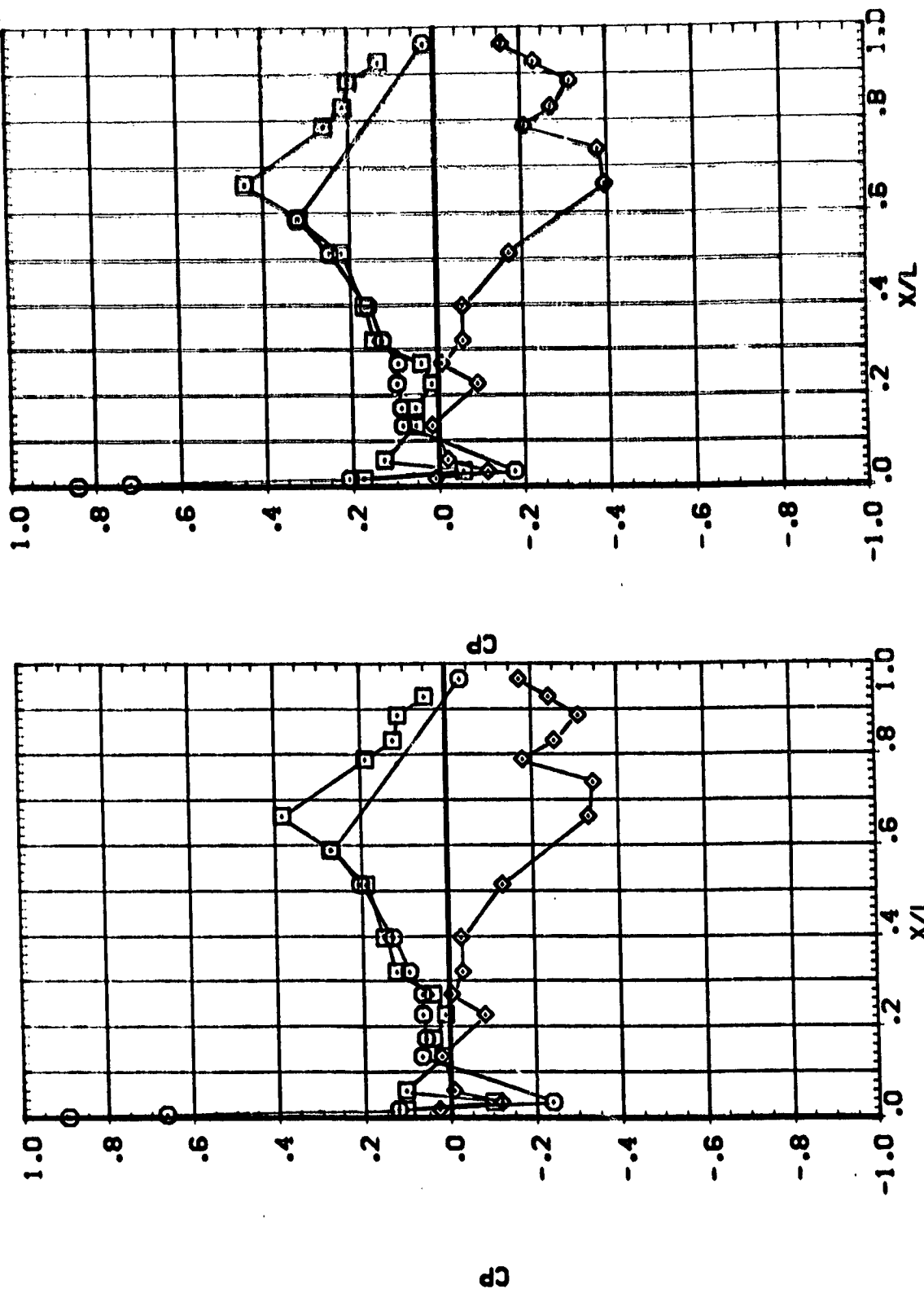


3:005072F:W87E18VSR5G1 LEFT FUSELAGE

(RDLB03)

SYMBOL P-1 ALPHA BETA  
 O .000 6.080 .010  
 □ 40.000 8.110  
 ◇ 70.000

PARAMETRIC VALUES  
 ELEVTR 10.000 RUDDER .000  
 ROLFTR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR =+10 DEG, RUDDER = 0

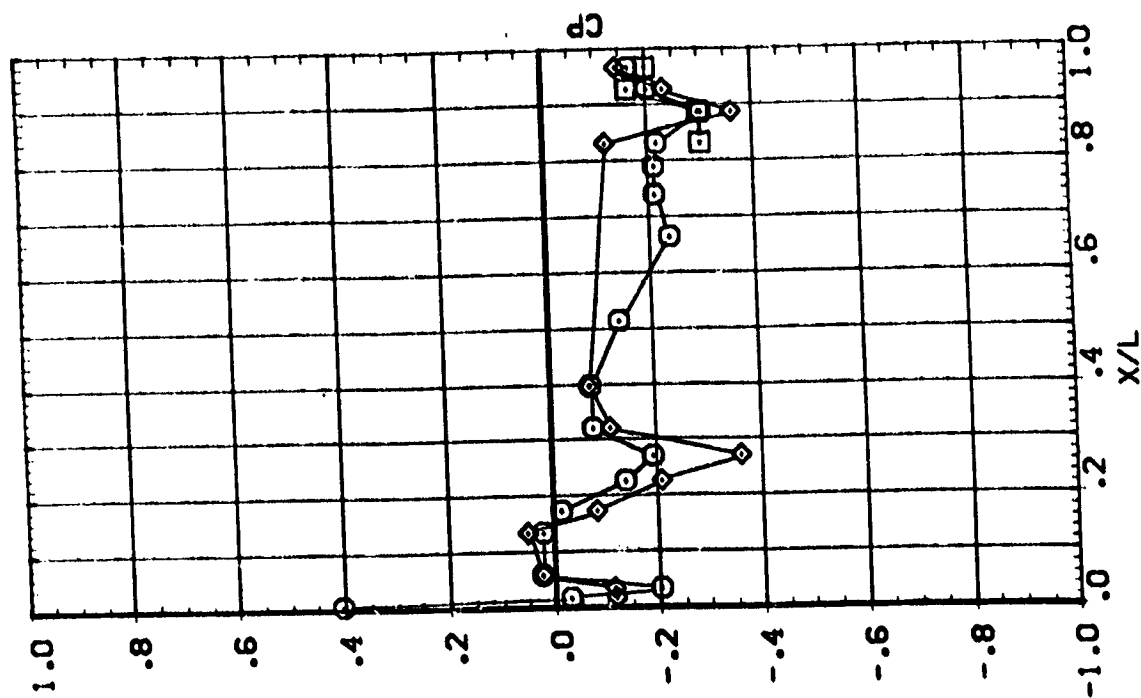
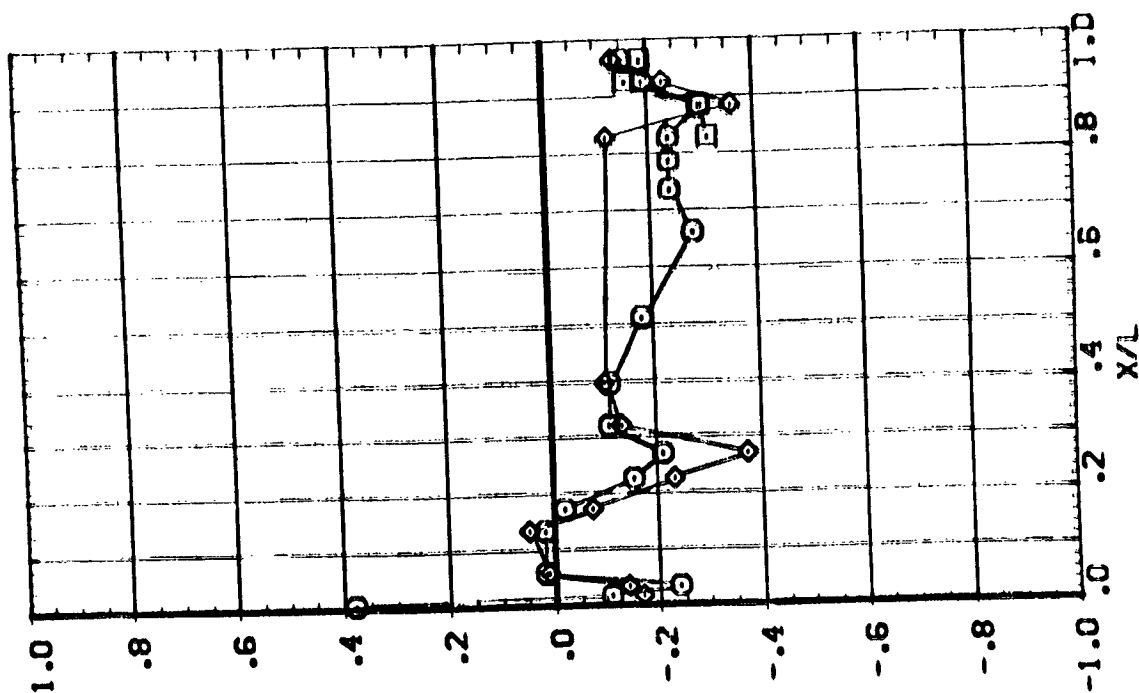
18018030

ANGLE OF ATTACK  
ELEVTR 10.000  
RUDDER 0.000  
FLAP 0.000

SWRQ  
P-1  
90.000  
105.000  
170.000

A. DIA  
6.080  
6.110

RE TA  
0.010



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG, RUDDER = 0



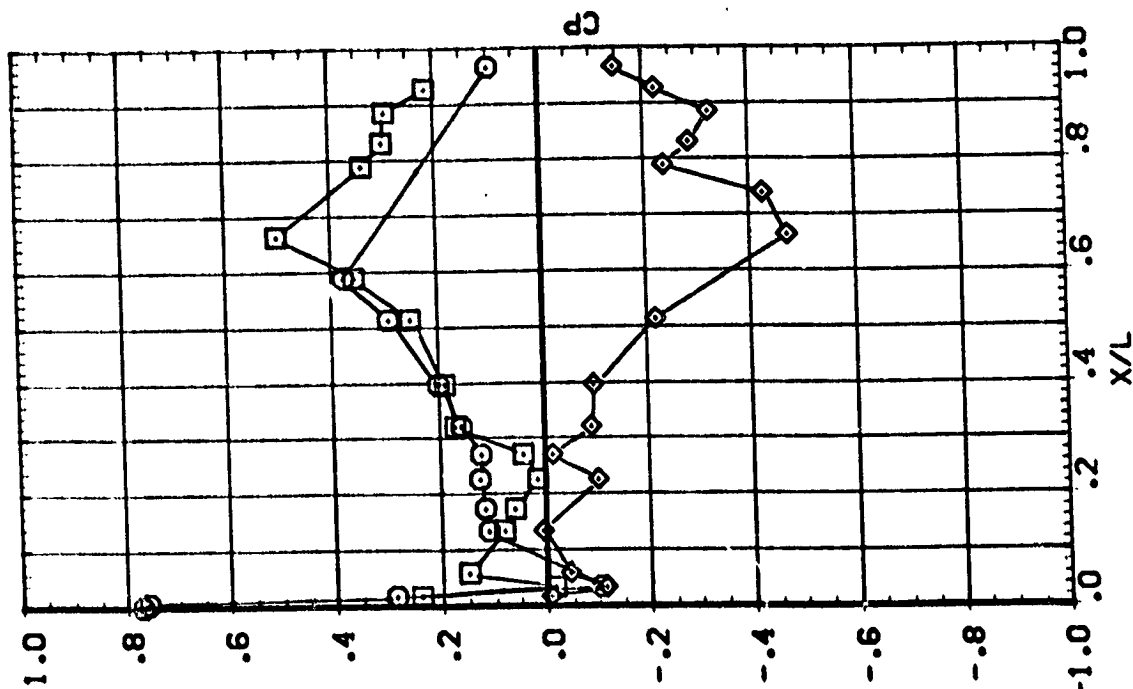
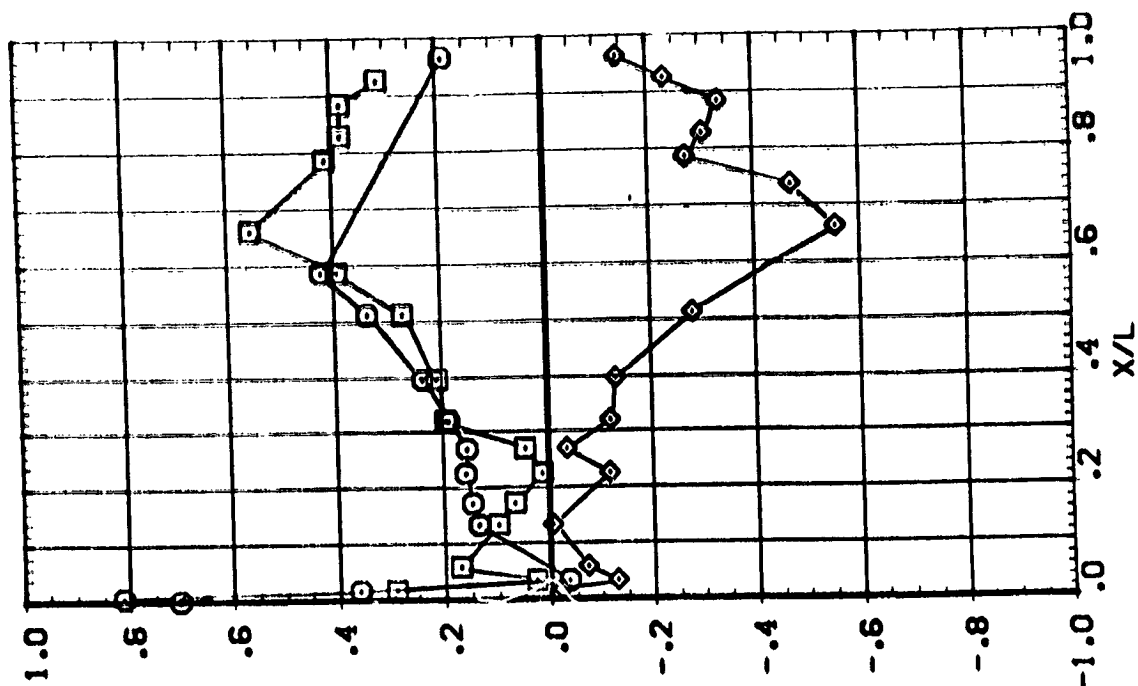
B:CC507M2F:W87E:8VSR5G: LEFT FUSELAGE

(R01303)

SYMBOL  
0110

ALPHA BETA  
10.120 .000  
40.000 12.720  
70.000

PARAMETRIC VALUES  
ELEVTR 10.000 RUDDER .000  
RUDFLR 10.000 FLAP -10.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG, RUDDER = 0





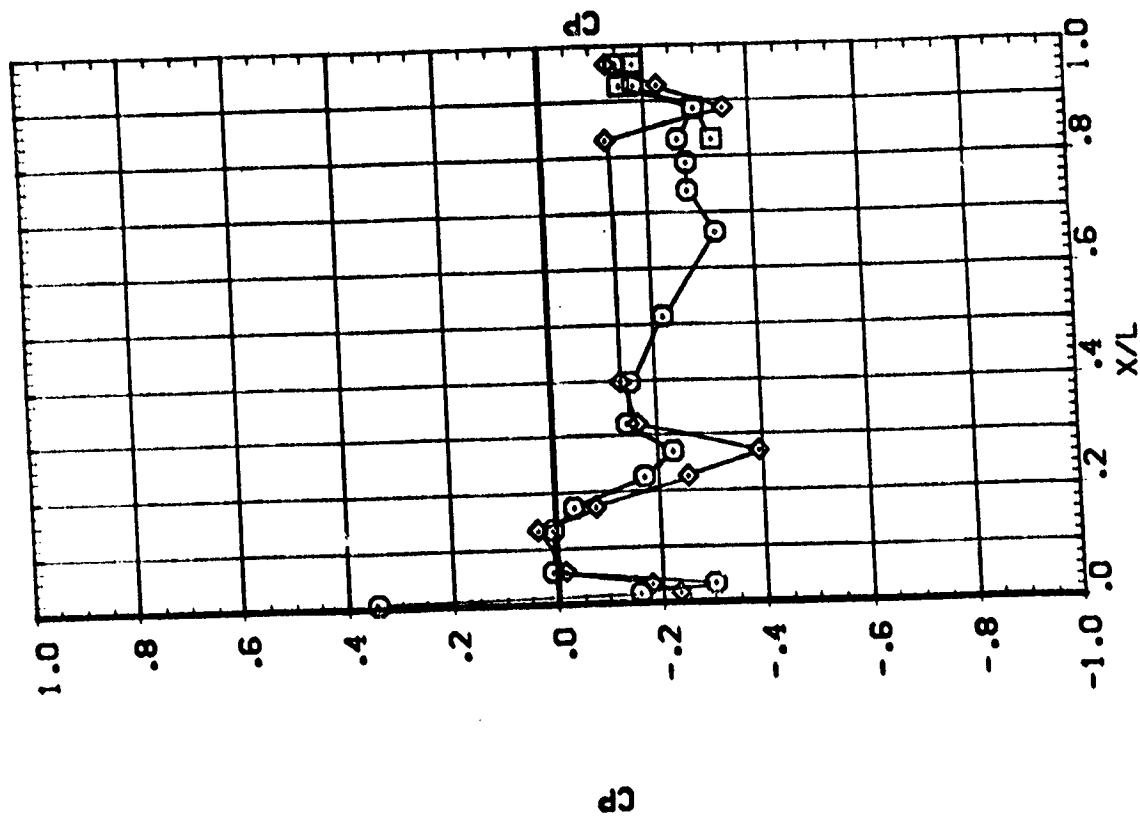
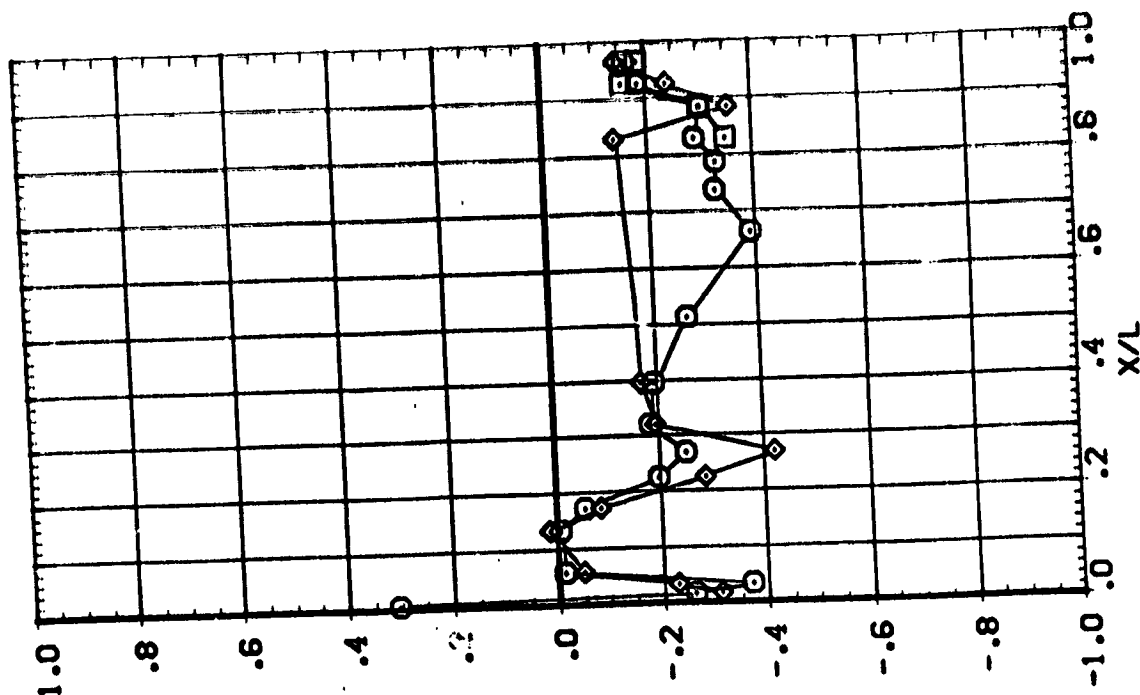
(RDLB03)

FUSELAGE

3:00507M2: 1W87E18V

PARAMETRIC VALUES  
ELEVTR 10.000 RUDDER .000  
RUDDER 40.000 FLAP -18.000

SYMBOL  
P1: 90.0000  
ALPHA 15.120  
BE'A .000  
125.0000  
120.0000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG, RUDDER = 0  
PAGE 136



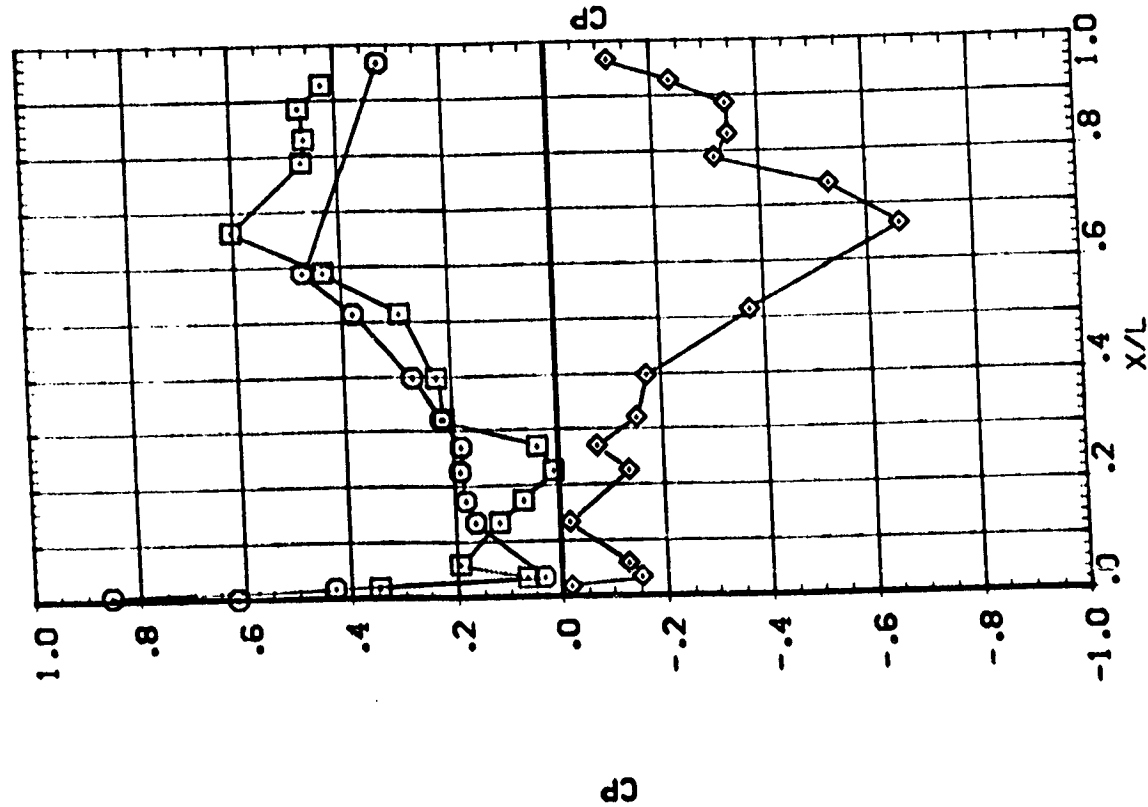
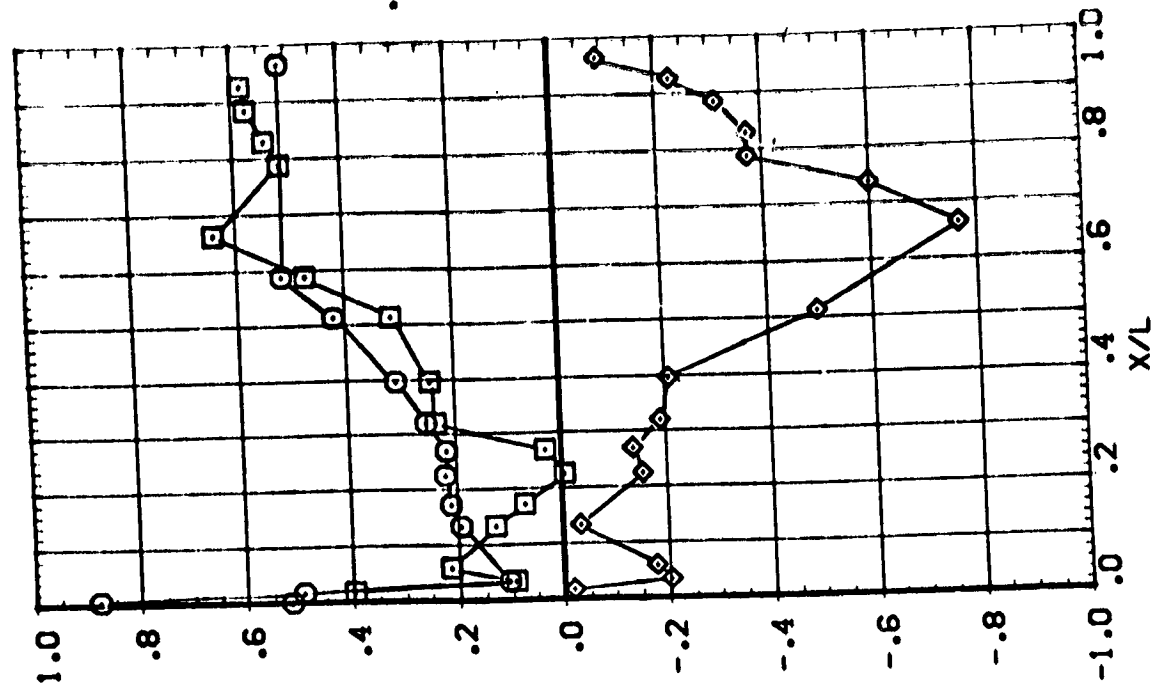
3:00507M2F:W87E:8VSR5G: LEFT FUSELAGE

(RDL803)

PARAMETRIC VALUES  
ELEVTR :0.000 RUDDER :.000  
RUOFLR 40.000 FLAP -18.000

SYMBOL  
PHI .000  
ALPHA 3E-4  
40.000  
70.000

○ □ ◇



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR =+10 DEG. RUDDER = 0

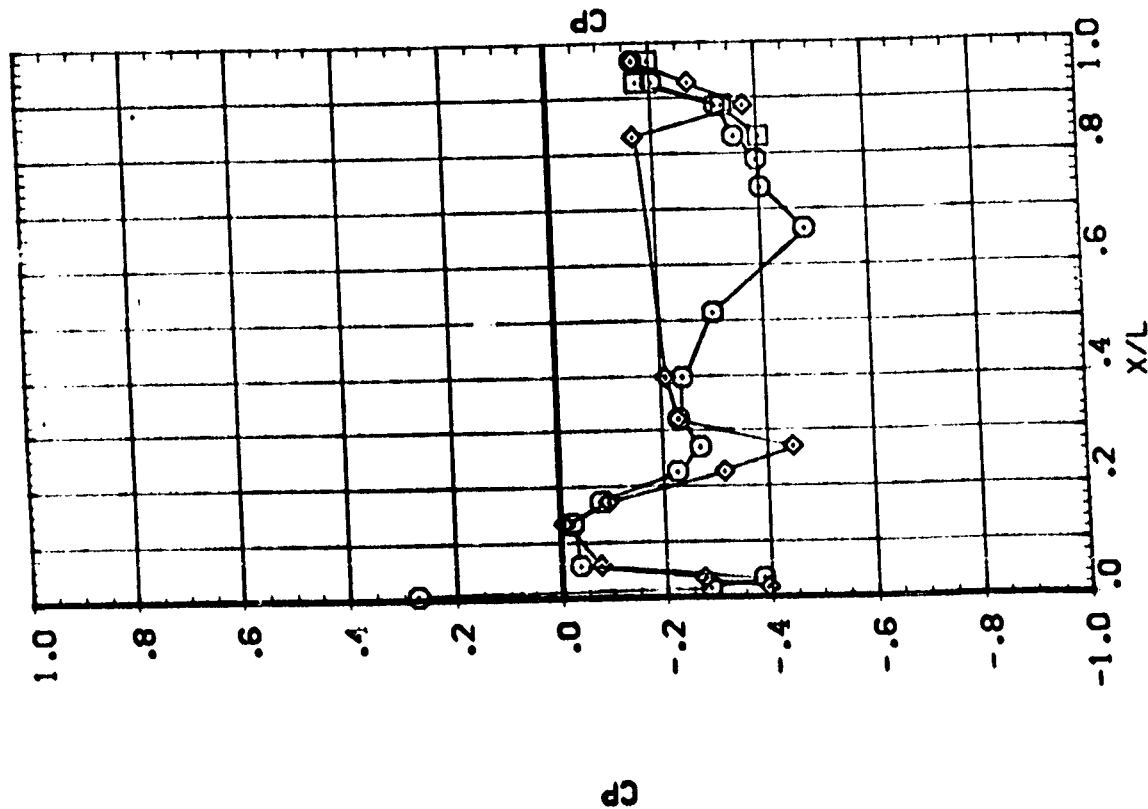
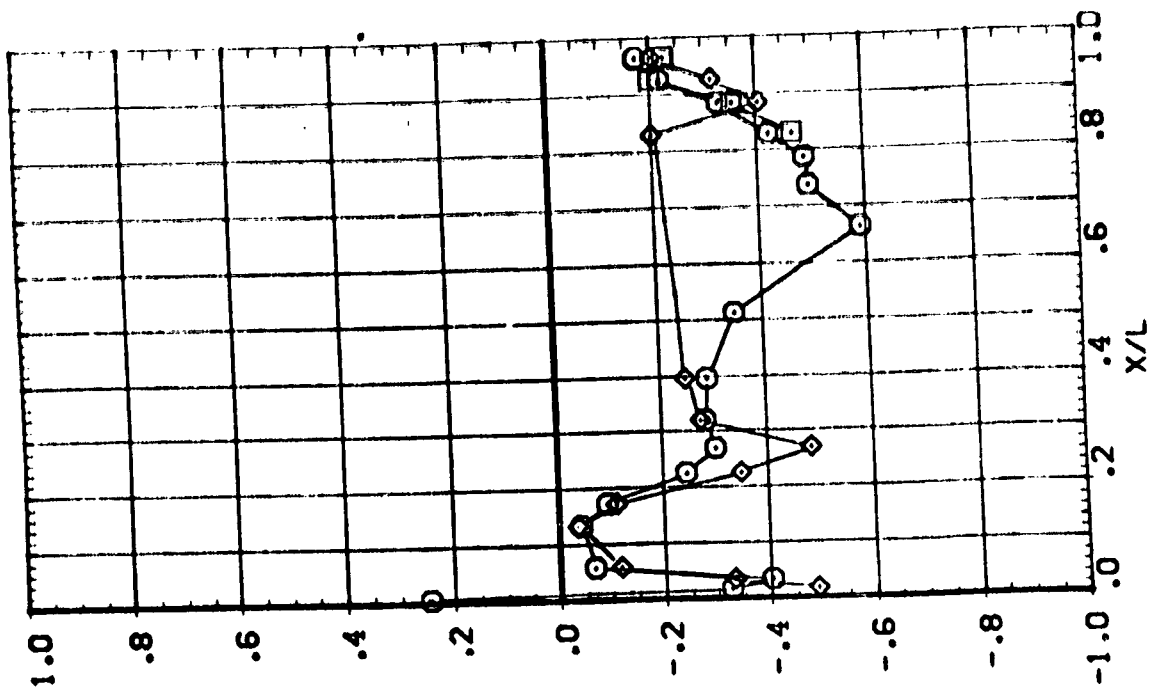


B:00537\*2F:187E:8:5R5G: LEFT FUSELAGE

(RDLB03)

PARAMETRIC VALUES  
ELEVTR 10.000 RUDDER .000  
RUDFLR 40.000 FLAP -18.300

SYMBOL ALPHA BETA  
90.000 14.740 .000  
105.000 16.730  
120.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG, RUDDER = 0



3:00507M2F1W87E:8V5R5G: LEFT FUSELAGE

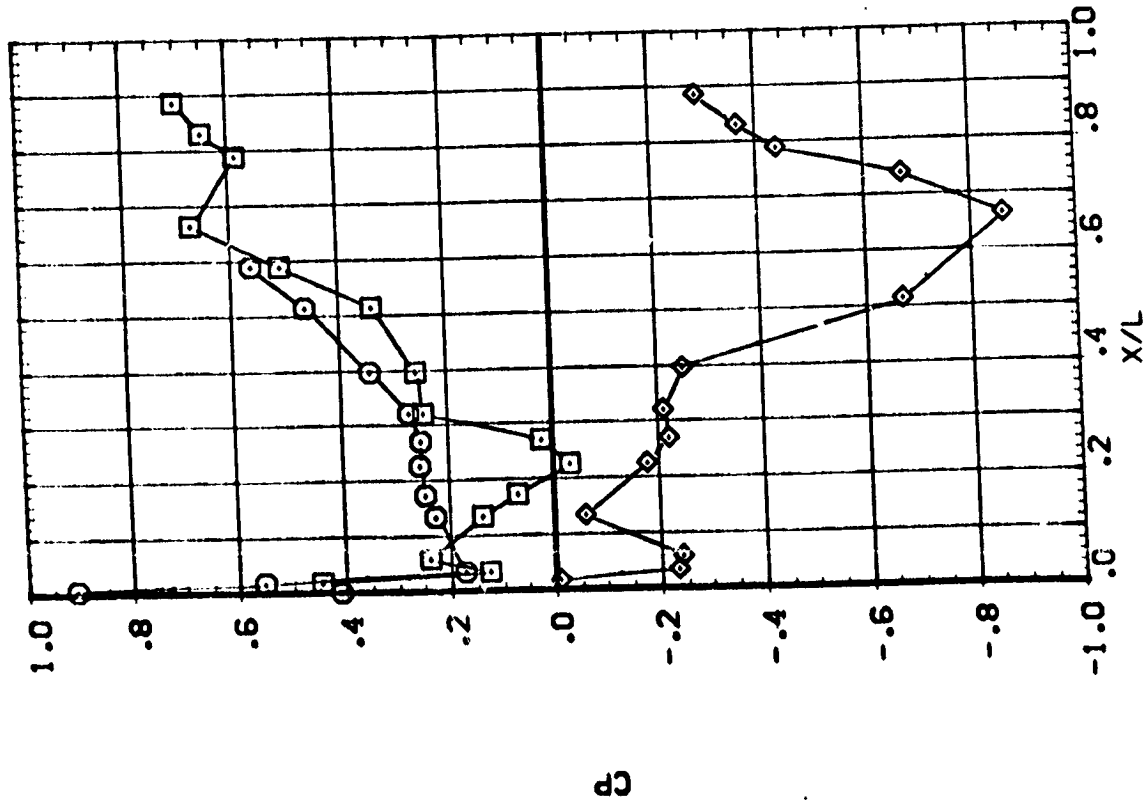
(RDLBC3)

SYMC  
□ □ □

PHI: .000  
40.000  
70.000

ALPHA BETA  
:8.300 .000

PARAMETRIC VALUES  
ELEVTR 10.000 RUDDER .000  
RUOFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG, RUDDER = 0  
PAGE :39



(RDLB03)

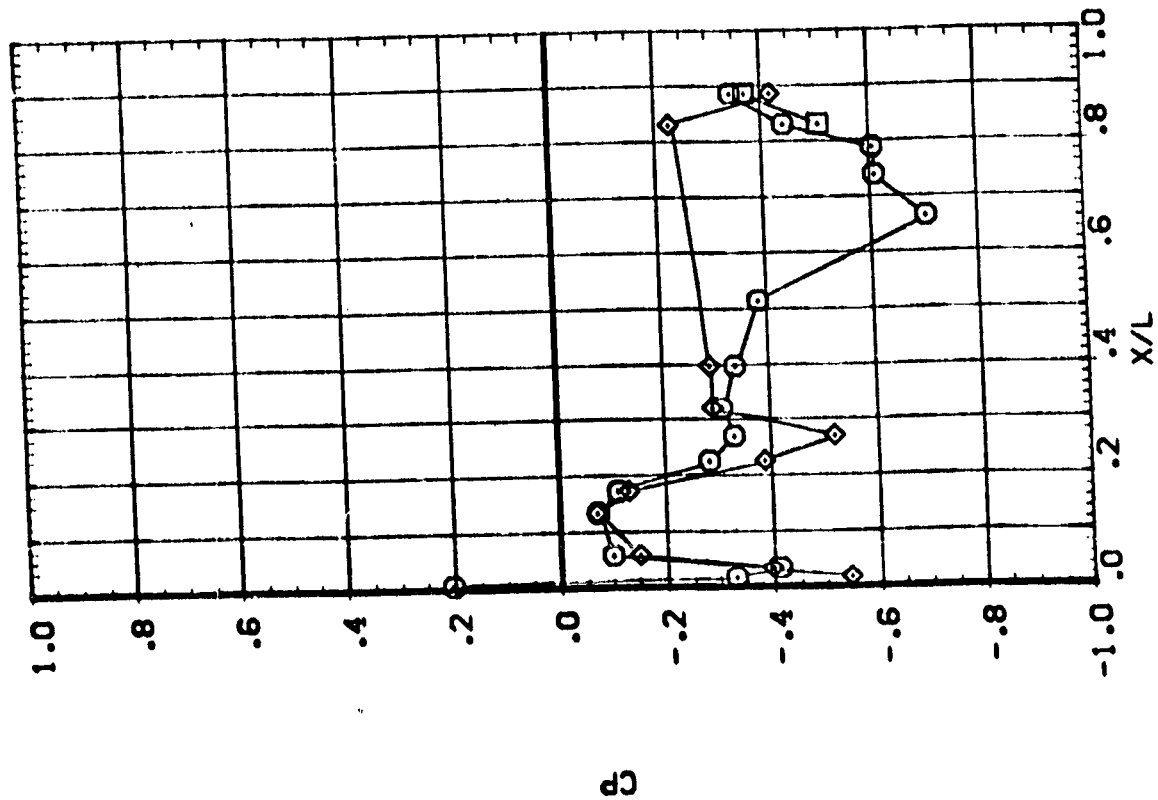
3:00507M2F:W87E18VSR5G: LEFT FUSELAGE

SYMBOL  
90.000  
105.000  
120.000

ALPHA  
18.300

BETA  
.000

PARAMETRIC VALUES  
ELEVTR 10.000  
RUDDER 40.000  
FLAP .000  
-18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG, RUDDER = 0  
PAGE 140



3100507M2F1W87E18V5P5G: LEFT FUSELAGE

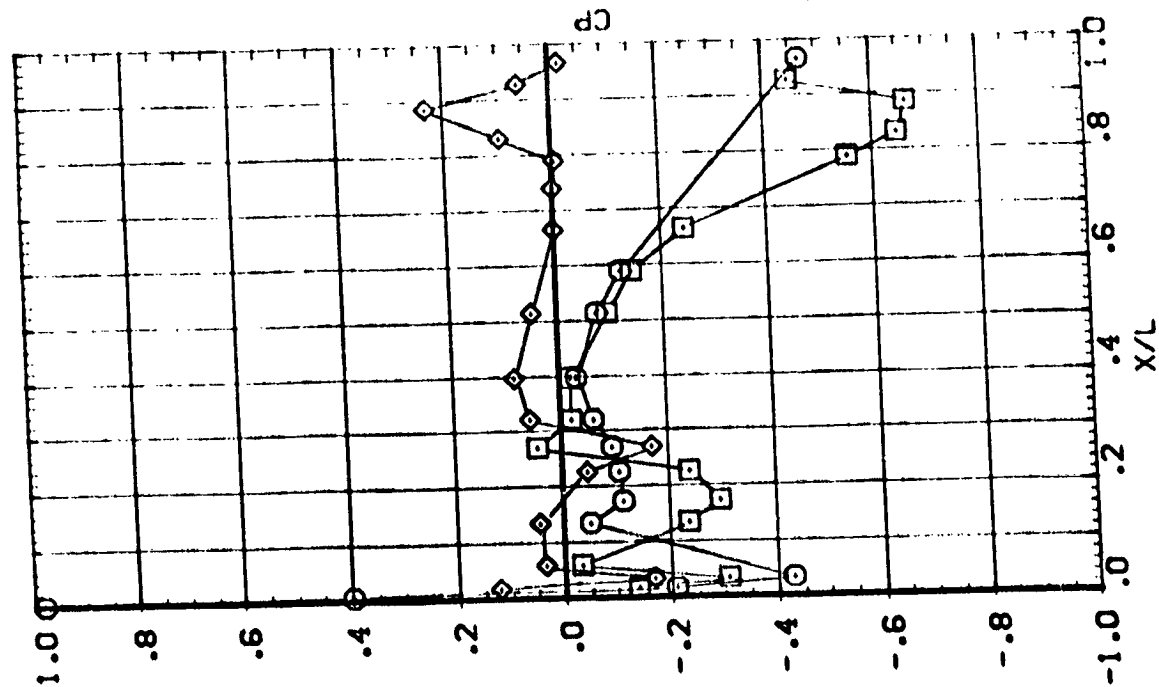
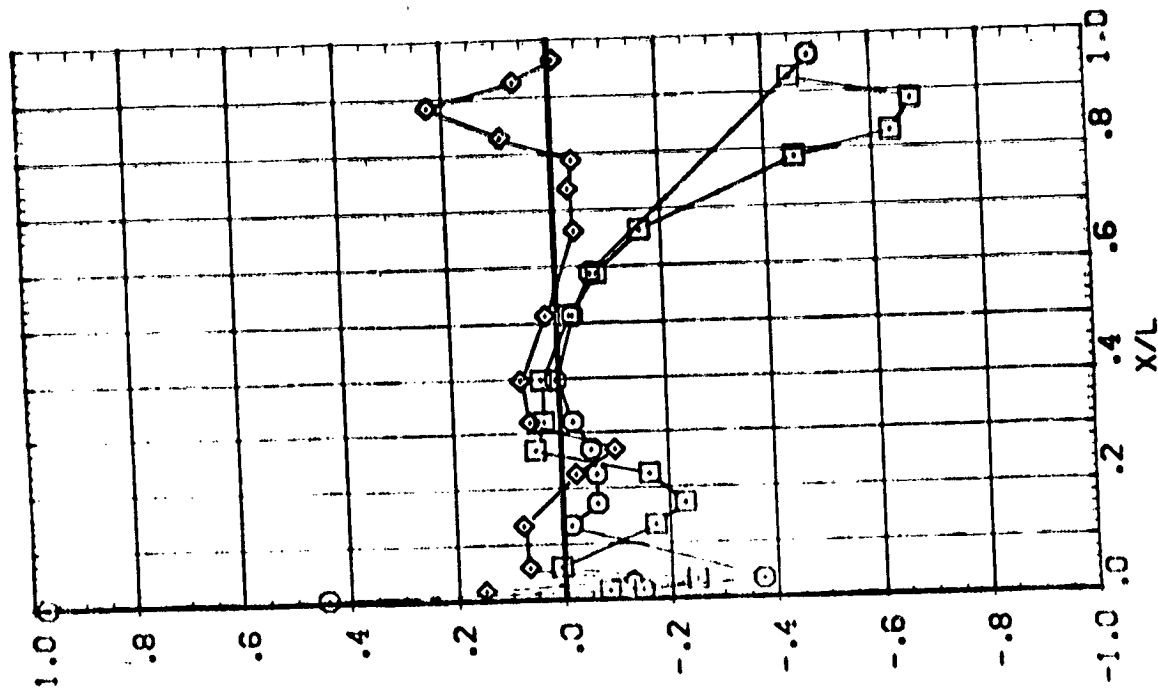
SYMBOL  
 0.000  
 40.000  
 70.000

ALPHA  
 -3.000  
 -5.000  
 -7.000

BETA  
 -5.000  
 -7.000  
 -9.000

(RDL304)

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUDDLR 40.000 FLAP -18.000

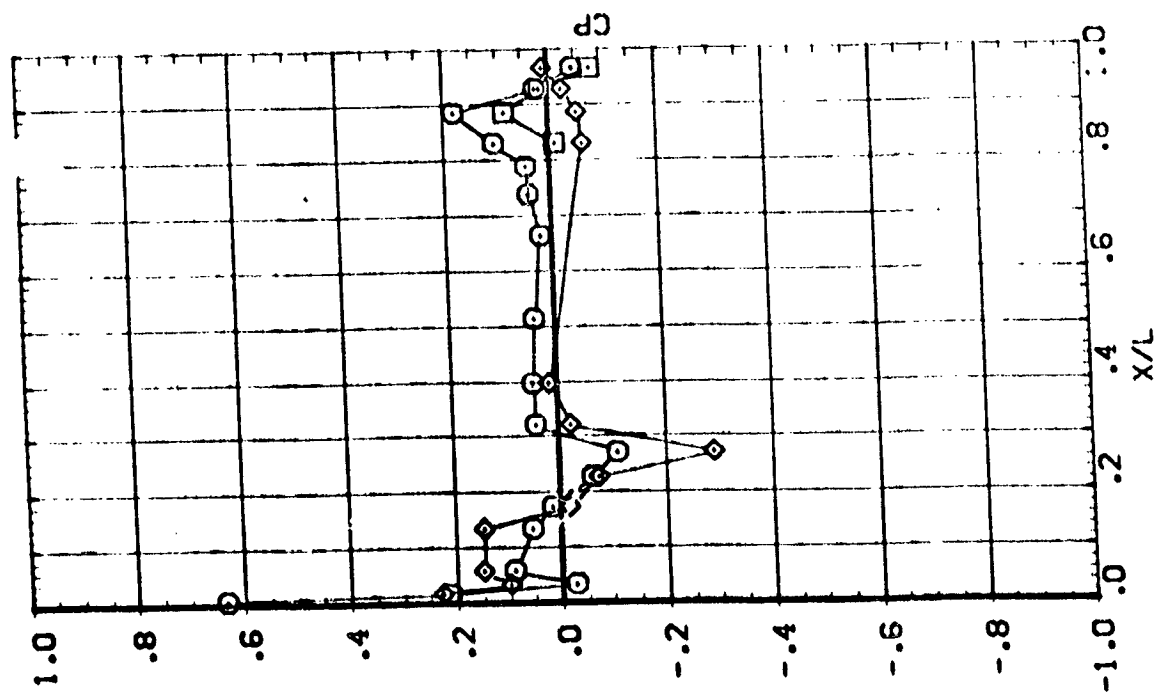
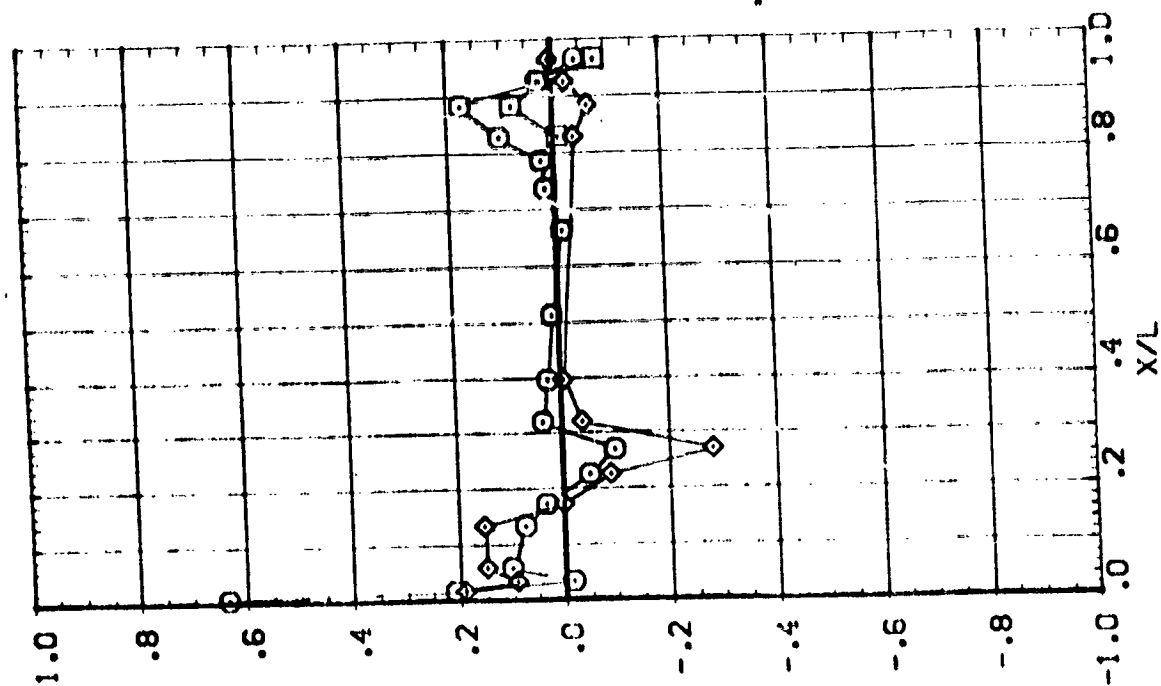


LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0

000572E: 087E: 8, 5R53: LEFT FUSELAGE

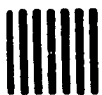
DIAMETRIC VALUES	
ELEV'D	20.000
20.000	20.000
40.000	40.000
60.000	60.000
80.000	80.000
100.000	100.000
120.000	120.000
140.000	140.000
160.000	160.000
180.000	180.000
200.000	200.000
220.000	220.000
240.000	240.000
260.000	260.000
280.000	280.000
300.000	300.000
320.000	320.000
340.000	340.000
360.000	360.000
380.000	380.000
400.000	400.000
420.000	420.000
440.000	440.000
460.000	460.000
480.000	480.000
500.000	500.000
520.000	520.000
540.000	540.000
560.000	560.000
580.000	580.000
600.000	600.000
620.000	620.000
640.000	640.000
660.000	660.000
680.000	680.000
700.000	700.000
720.000	720.000
740.000	740.000
760.000	760.000
780.000	780.000
800.000	800.000
820.000	820.000
840.000	840.000
860.000	860.000
880.000	880.000
900.000	900.000
920.000	920.000
940.000	940.000
960.000	960.000
980.000	980.000
1000.000	1000.000

Symbol	Time	Altitude	Remarks
10	12:00	1000	1000
11	13:00	1000	1000
12	14:00	1000	1000
13	15:00	1000	1000
14	16:00	1000	1000
15	17:00	1000	1000
16	18:00	1000	1000
17	19:00	1000	1000
18	20:00	1000	1000
19	21:00	1000	1000
20	22:00	1000	1000
21	23:00	1000	1000
22	24:00	1000	1000
23	25:00	1000	1000
24	26:00	1000	1000
25	27:00	1000	1000
26	28:00	1000	1000
27	29:00	1000	1000
28	30:00	1000	1000
29	31:00	1000	1000
30	32:00	1000	1000
31	33:00	1000	1000
32	34:00	1000	1000
33	35:00	1000	1000
34	36:00	1000	1000
35	37:00	1000	1000
36	38:00	1000	1000
37	39:00	1000	1000
38	40:00	1000	1000
39	41:00	1000	1000
40	42:00	1000	1000
41	43:00	1000	1000
42	44:00	1000	1000
43	45:00	1000	1000
44	46:00	1000	1000
45	47:00	1000	1000
46	48:00	1000	1000
47	49:00	1000	1000
48	50:00	1000	1000
49	51:00	1000	1000
50	52:00	1000	1000
51	53:00	1000	1000
52	54:00	1000	1000
53	55:00	1000	1000
54	56:00	1000	1000
55	57:00	1000	1000
56	58:00	1000	1000
57	59:00	1000	1000
58	60:00	1000	1000
59	61:00	1000	1000
60	62:00	1000	1000
61	63:00	1000	1000
62	64:00	1000	1000
63	65:00	1000	1000
64	66:00	1000	1000
65	67:00	1000	1000
66	68:00	1000	1000
67	69:00	1000	1000
68	70:00	1000	1000
69	71:00	1000	1000
70	72:00	1000	1000
71	73:00	1000	1000
72	74:00	1000	1000
73	75:00	1000	1000
74	76:00	1000	1000
75	77:00	1000	1000
76	78:00	1000	1000
77	79:00	1000	1000
78	80:00	1000	1000
79	81:00	1000	1000
80	82:00	1000	1000
81	83:00	1000	1000
82	84:00	1000	1000
83	85:00	1000	1000
84	86:00	1000	1000
85	87:00	1000	1000
86	88:00	1000	1000
87	89:00	1000	1000
88	90:00	1000	1000
89	91:00	1000	1000
90	92:00	1000	1000
91	93:00	1000	1000
92	94:00	1000	1000
93	95:00	1000	1000
94	96:00	1000	1000
95	97:00	1000	1000
96	98:00	1000	1000
97	99:00	1000	1000



X/L  
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVIR = -20 DEG. RUDDER = 0  
PAGE 142

2  
11  
10  
9  
8

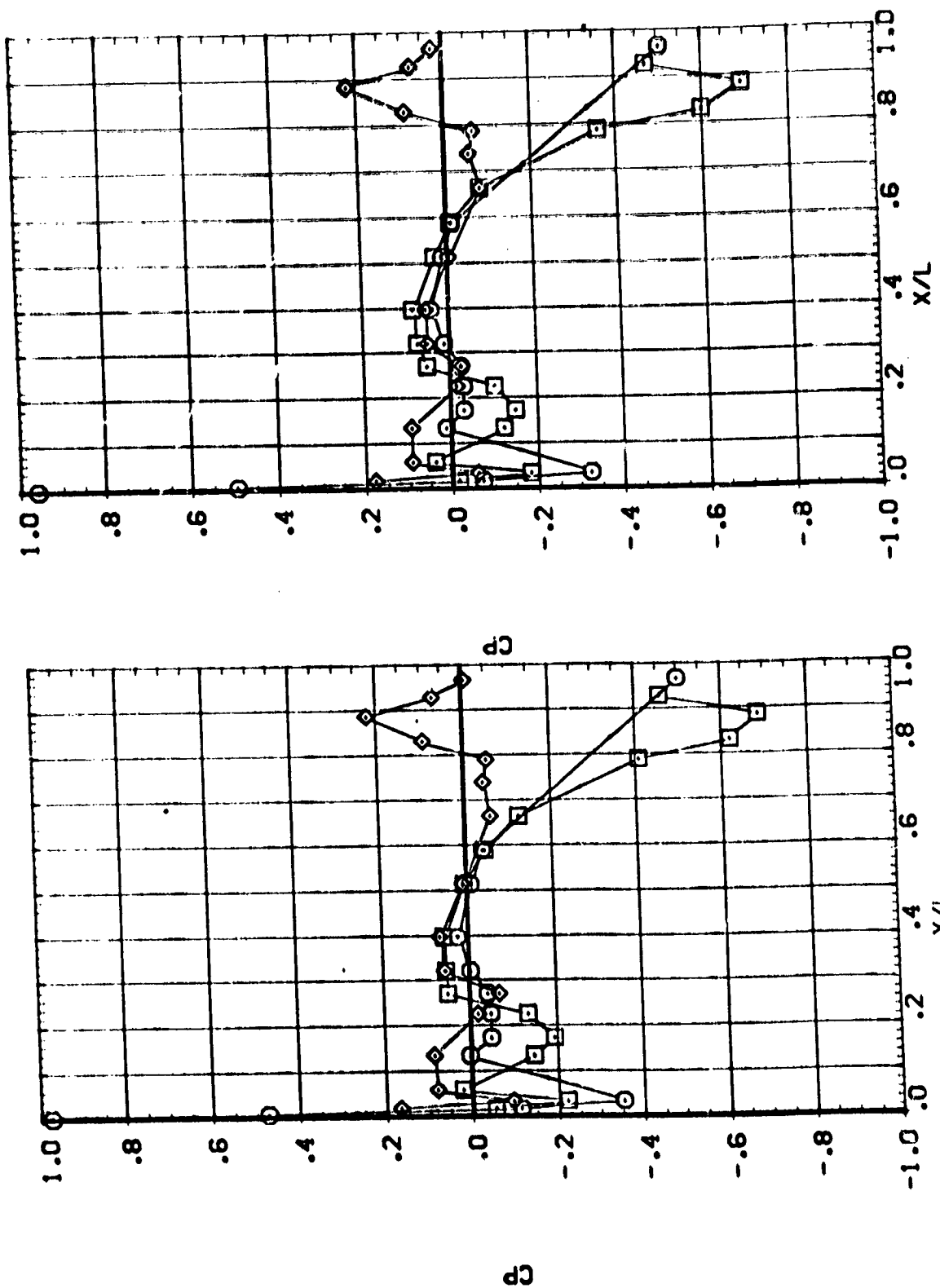


3:00507M2F1W87E18VSR5G: LEFT FUSELAGE

SYMBOL:  $\square$   $\diamond$   
 Pn: .000 .010 1.010  
 40.000 70.000  
 ALPHA BETA  
 -5.030

(RDLBC4)

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RJOFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0

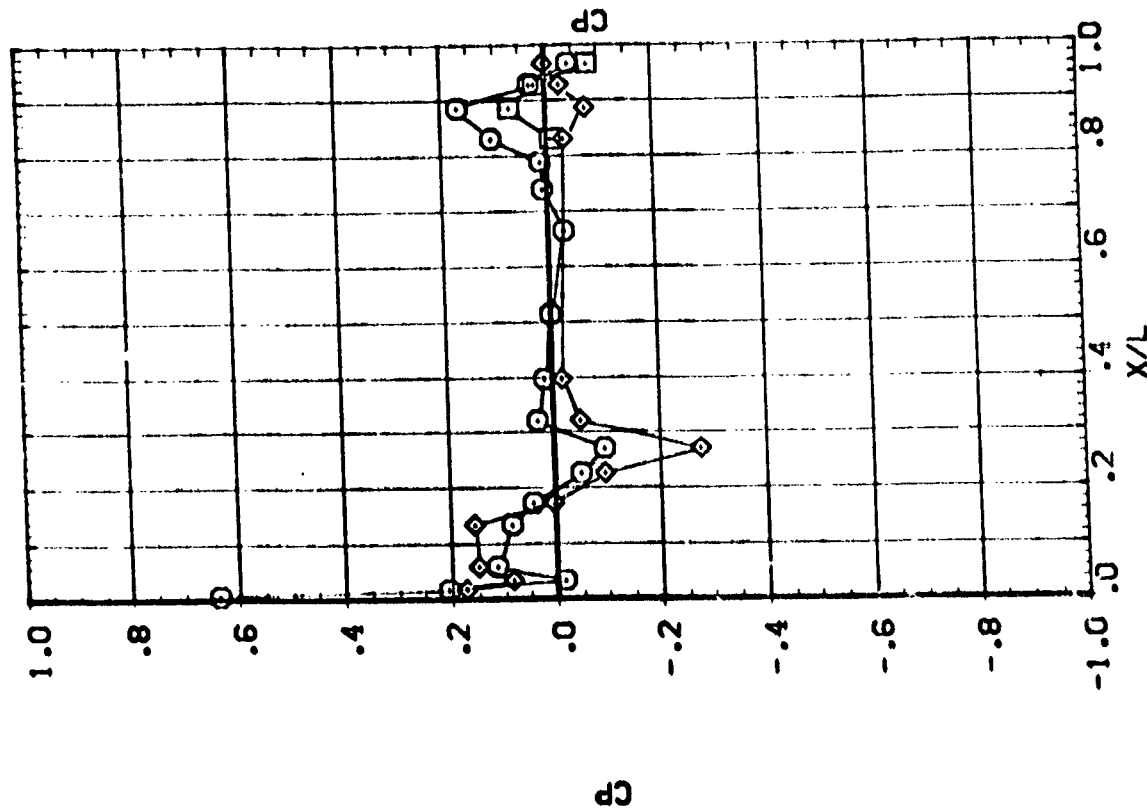
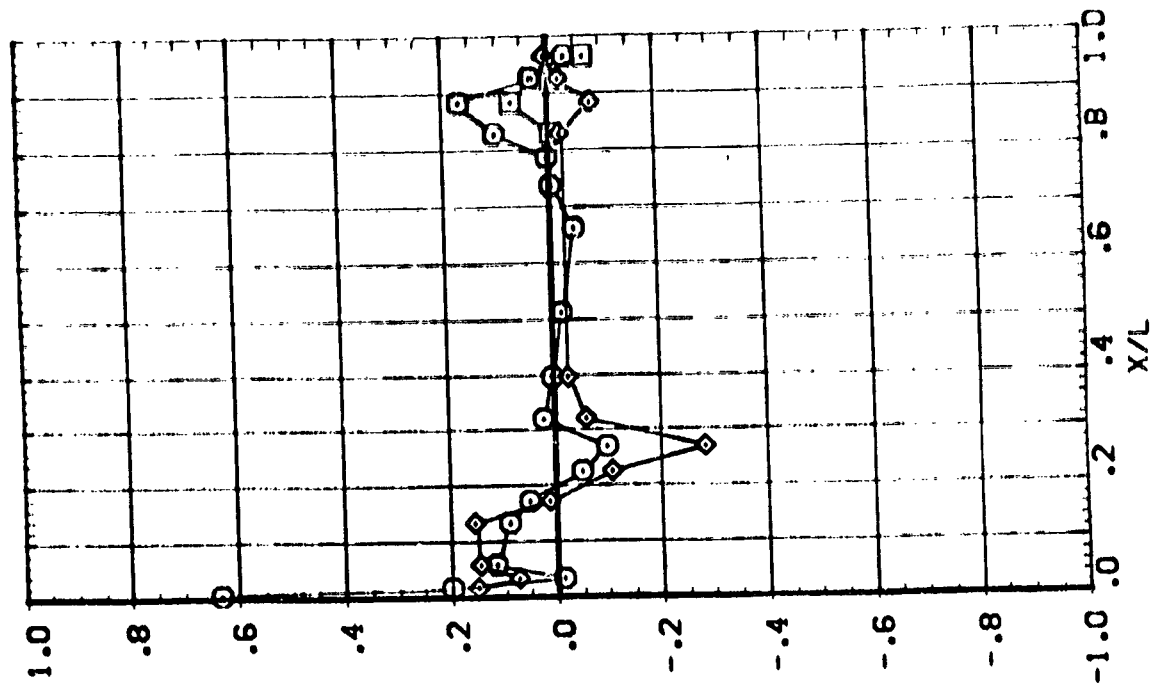


3:00507M2F1W87E18V5R5G: LEFT FUSELAGE

SYMBOL:  $\diamond$   
 P1: 90.000  
 A1: 1.010  
 BETA: -5.030  
 P2: 125.000  
 P3: 120.000

(RDLB04)

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0  
 PAGE 144

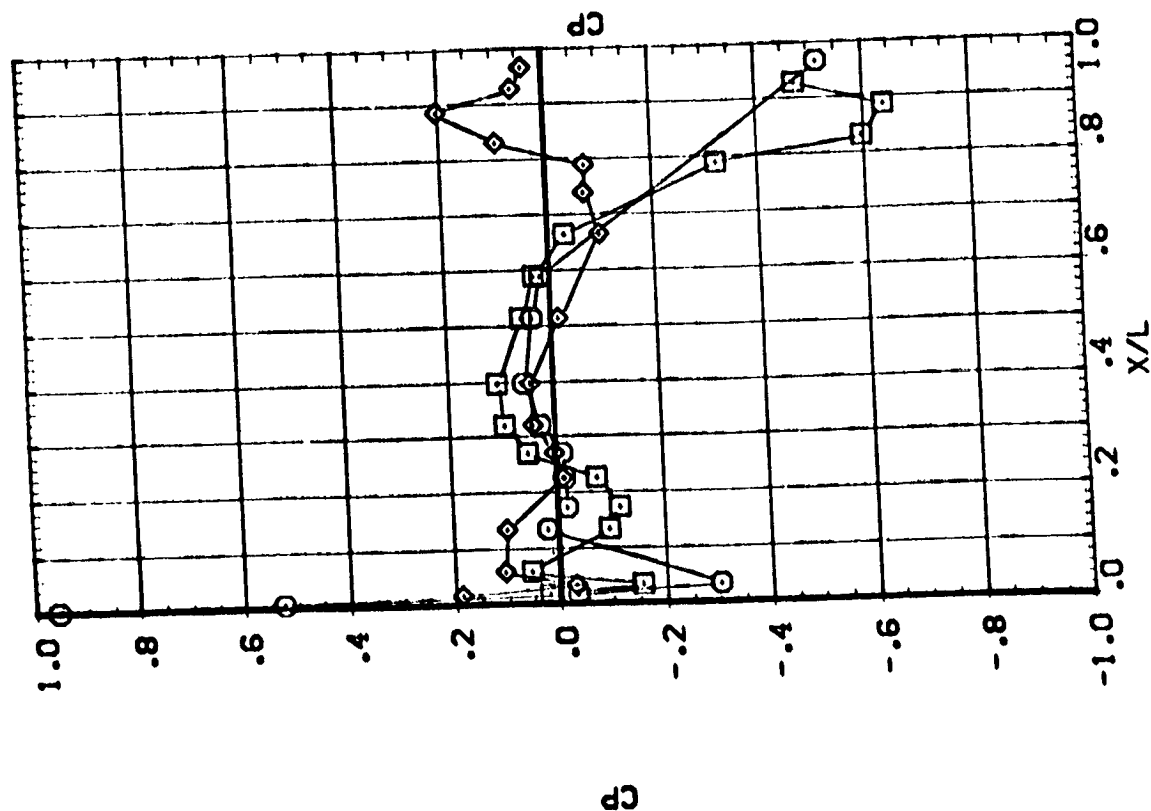
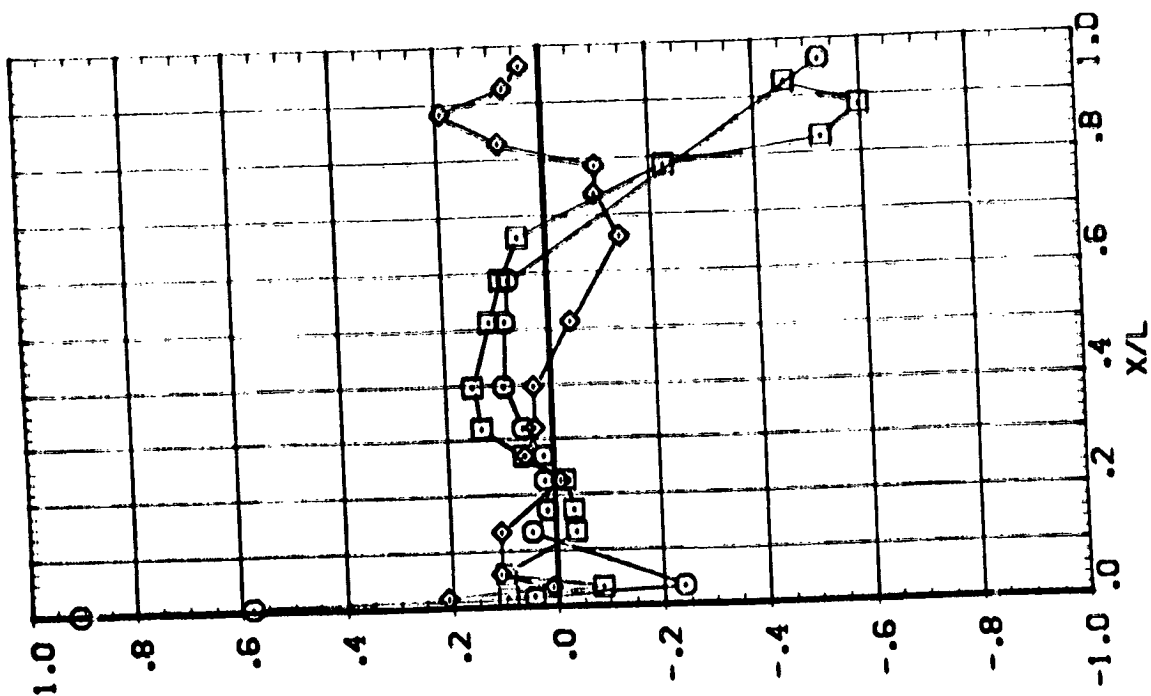


B:00537M2F:W87E:8VSR5G: LEFT FUSELAGE

(RDLB04)

SYMBOL    P.M.    ALPHA    BETA  
 ○    .000    2.000    -5.000  
 □    40.000    4.000  
 ◇    70.000

PARAMETRIC VALUES  
 ELEVTR    -20.000    RUDDER    .000  
 RUFLR    40.000    FLAP    -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20. DEG, RUDDER = 0

(R01304)

3:00507M2F1W87E:8V5R53: LEFT FUSELAGE

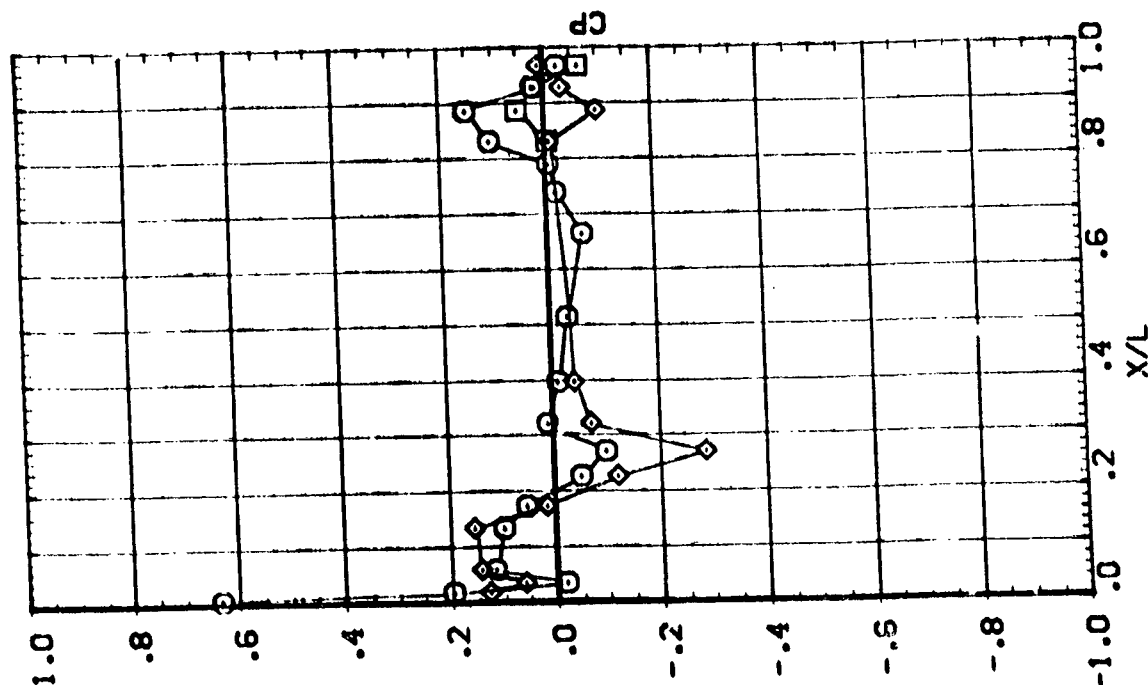
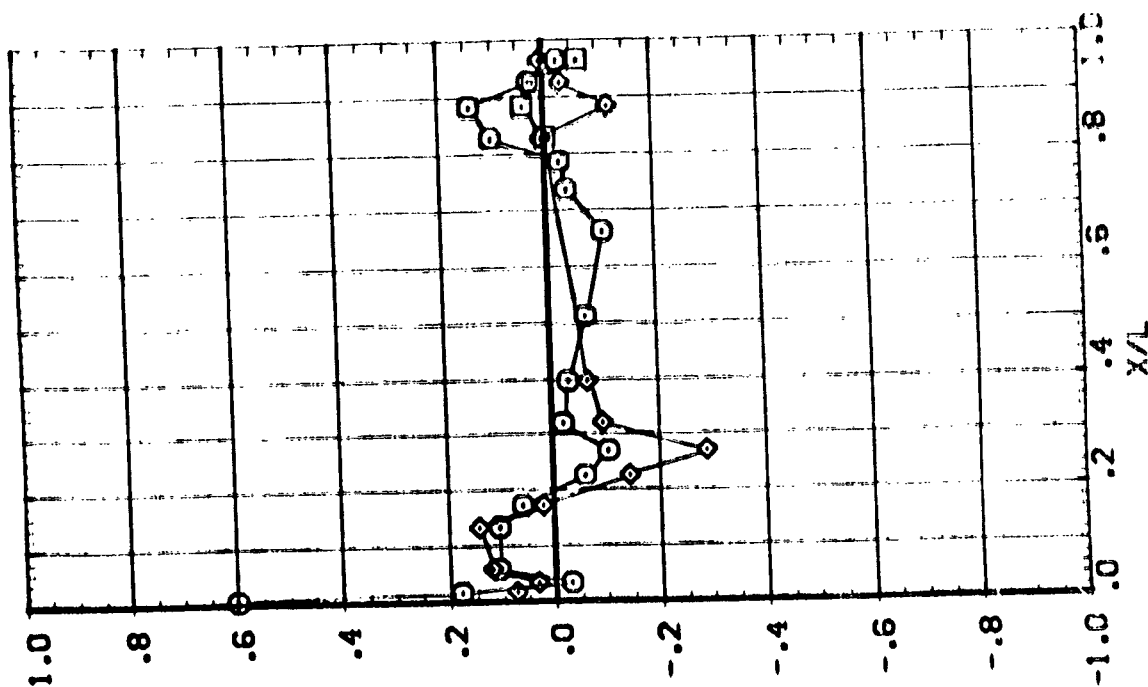
SYMBOL  
 1110  
 1110

PAI  
 90.000  
 105.000  
 120.000

ALPHA  
 2.000  
 4.000

BETA  
 -5.000

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUDDER 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0  
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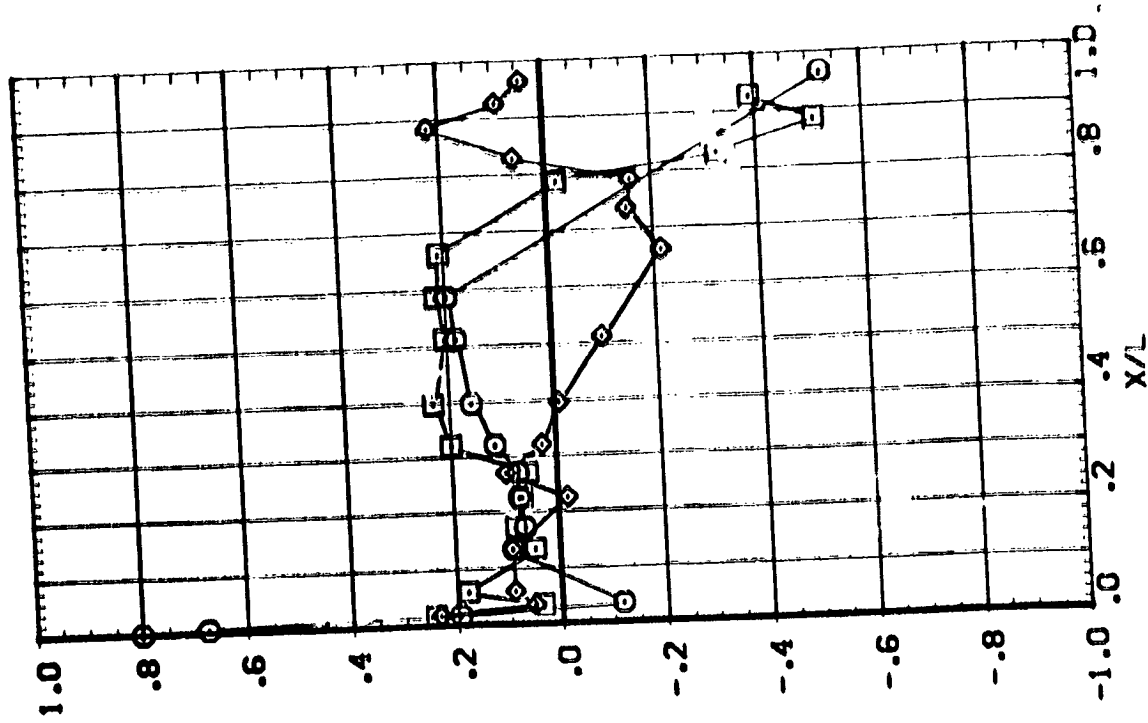
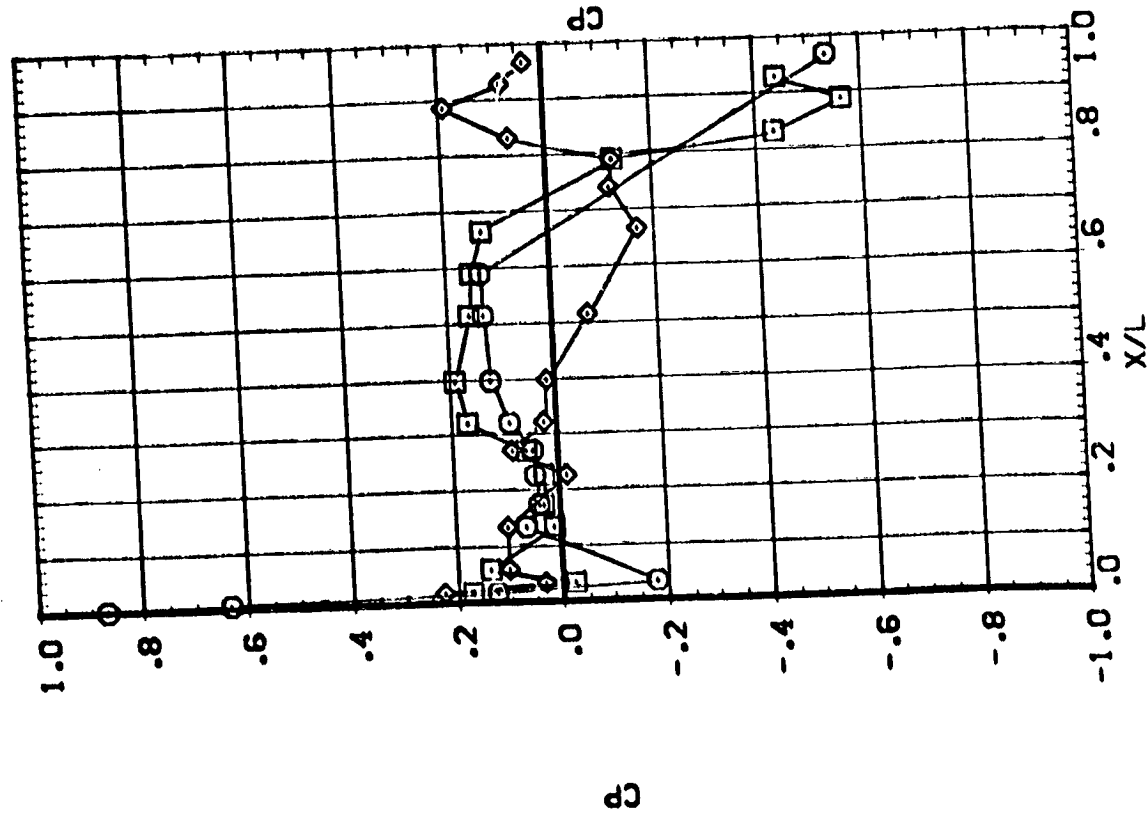
B10C507M2F1W87E:8VSR5G: LEFT FUSELAGE

(RDL804)

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER -20.000  
RUFLE 45.000 ELAP -18.000

SYMBOLS  
○ 0.000  
□ 40.000  
◇ 70.000

ALPHA 6.080  
BETA -5.030



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0



B:00507M2F:W87E18V5R5G: LEFT FUSELAGE

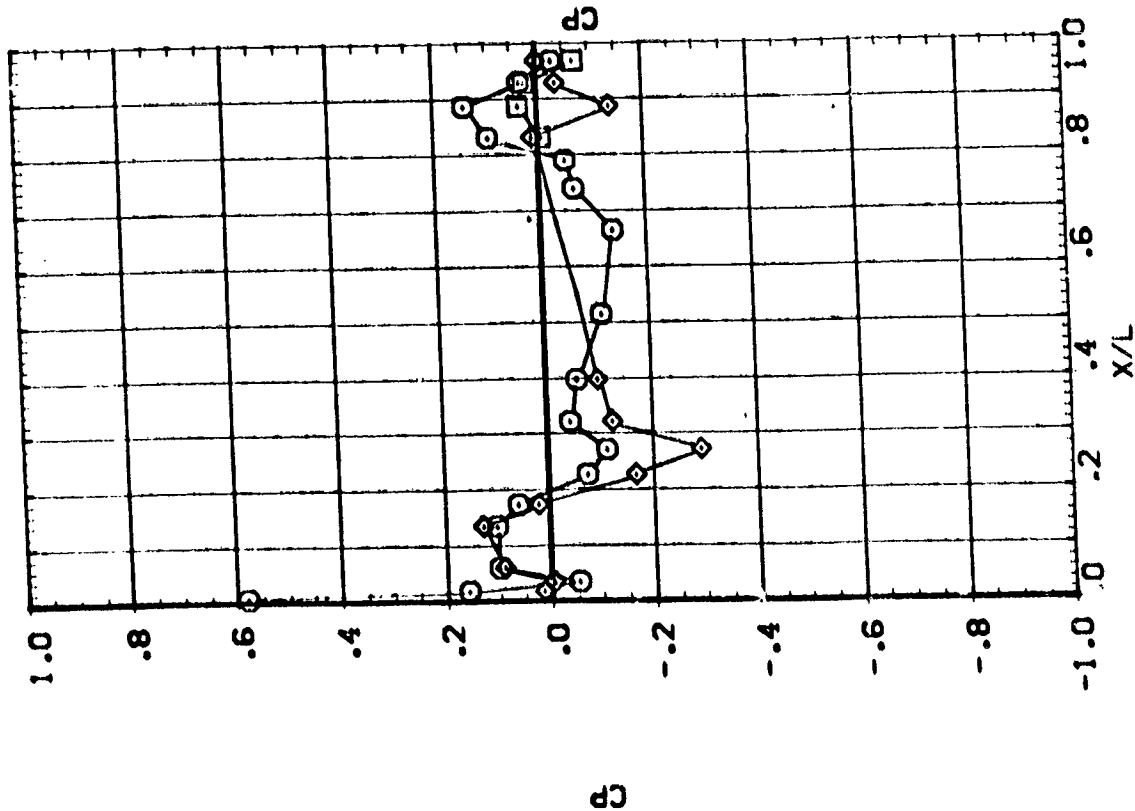
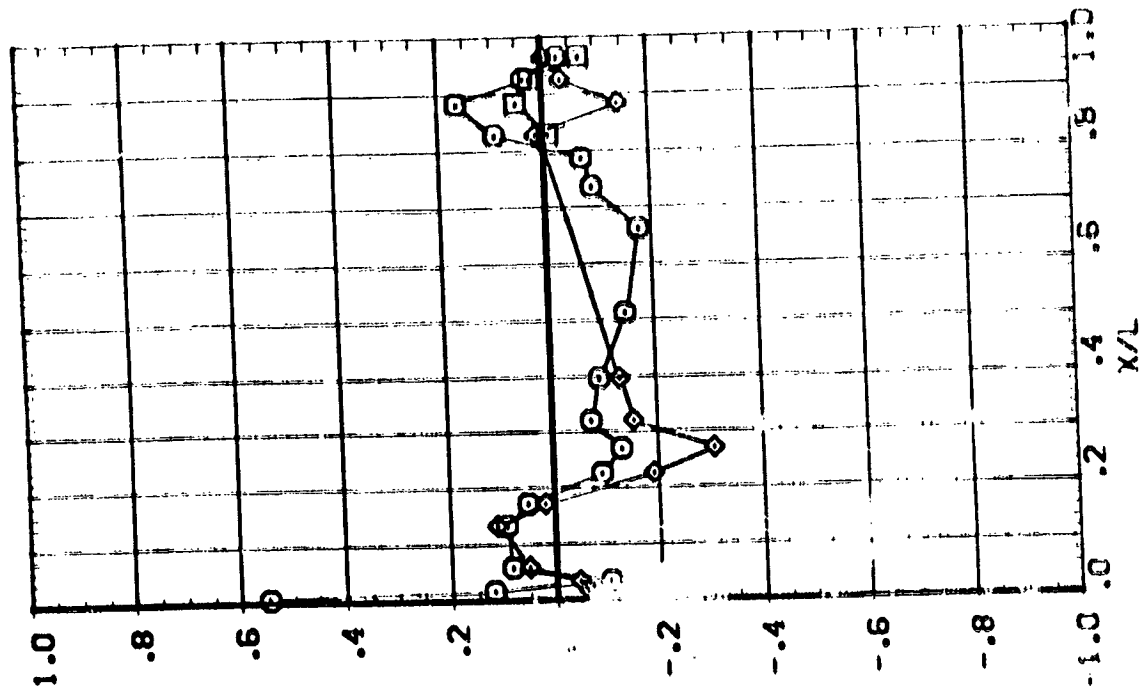
(PDL504)

SYMBOL: 90.0000 5.08C 8.13C 105.0000 120.0000

ALPHA: 5.08C 8.13C

BETA: -5.03C

PARAMETRIC VALUES  
ELEVTR -20.00C RUDDER 0.00C  
RUDDLR 45.00C FLAP -18.00C



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = -20 DEG, RUDDER = 0

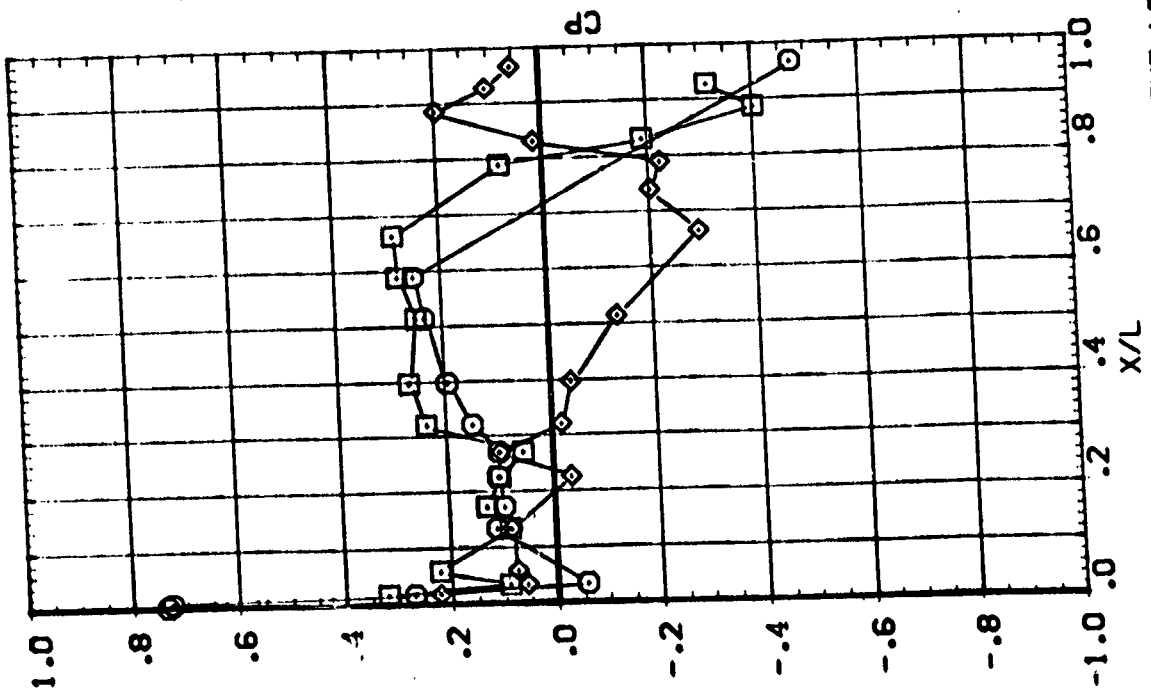
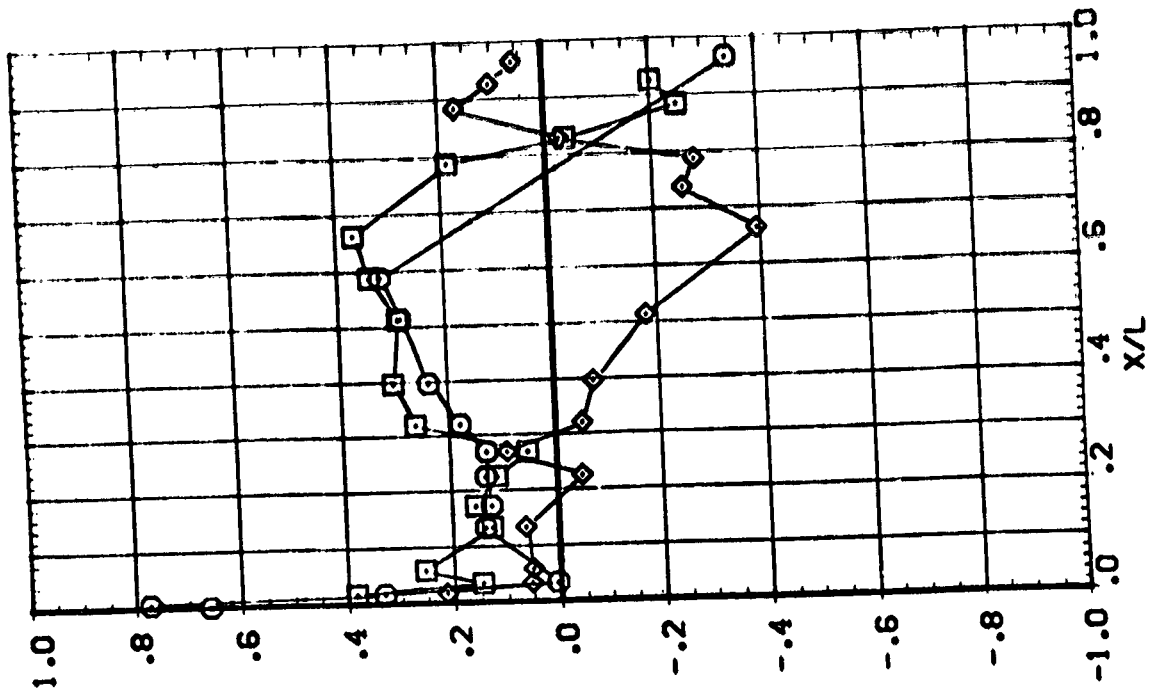


B:005072F1W8E:8:SR5G: LEFT FUSELAGE

(RDLB04)

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RDLFLR 40.000 FLAP -18.000

SYBC-  
PNI: .000 ALPHA BETA  
40.000 10.70 -5.040  
70.500 12.220



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0

B10C507M2F1W87E18V5R5G1 LEFT FUSELAGE

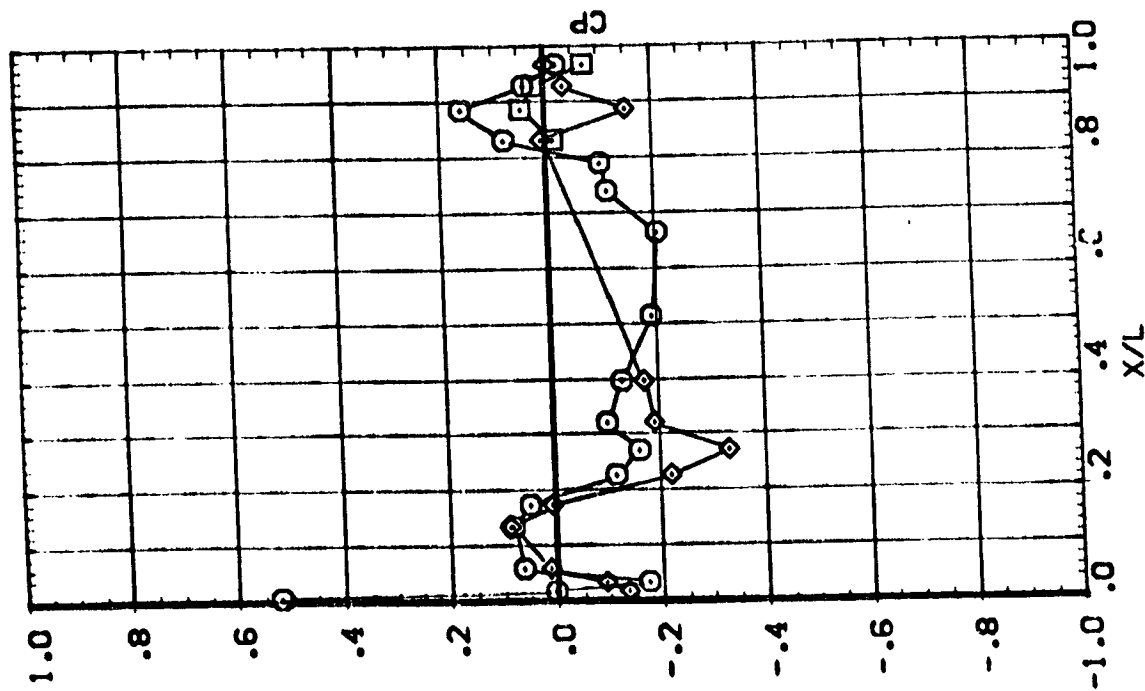
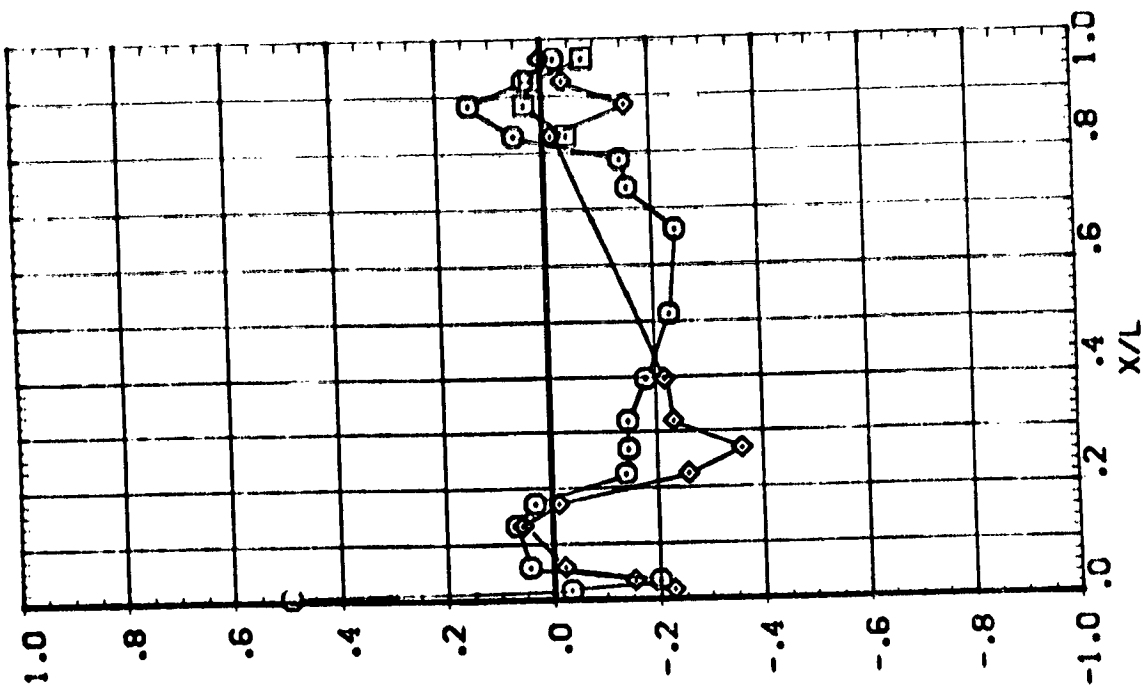
(RDLB04)

SYMBOL: 90.000  
105.000  
120.000

ALPHA: 10.170  
12.220

BETA: -5.040

PARAMETRIC VALUES  
ELEVTR: 40.000  
RUDDER: 0.000  
FLAP: -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = -20 DEG, RUDDER = 0



3:00CSD7V2F:W87E:8V5R5G: LEFT FUSELAGE

PHI: .000  
40.000  
70.000

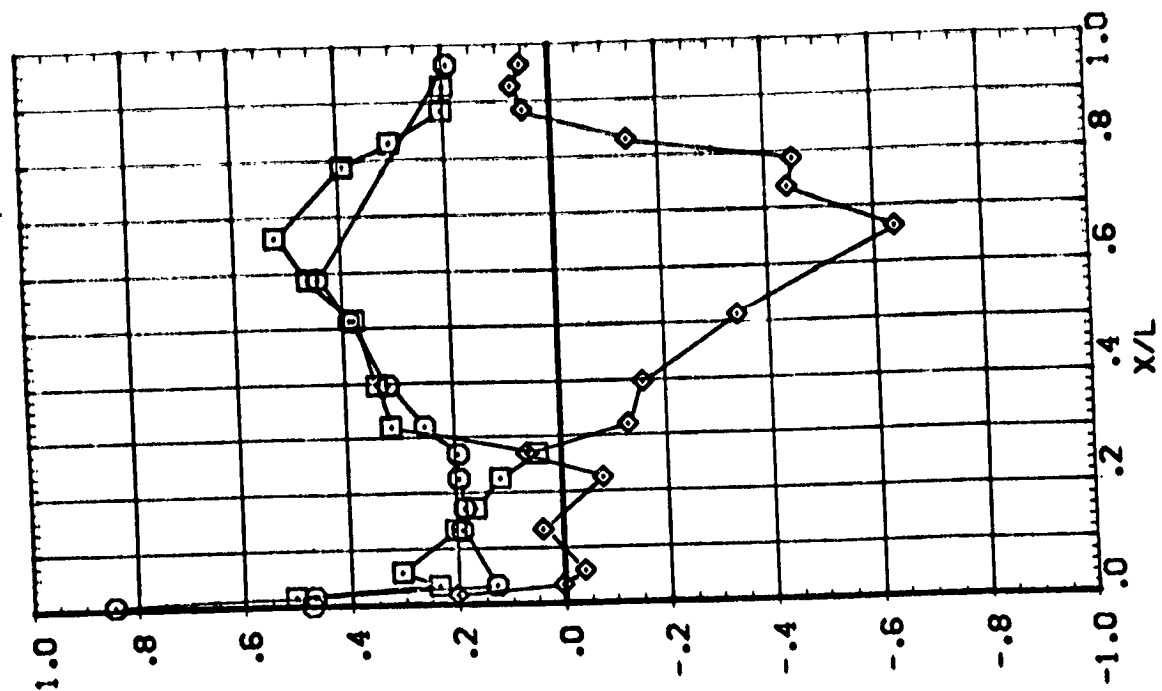
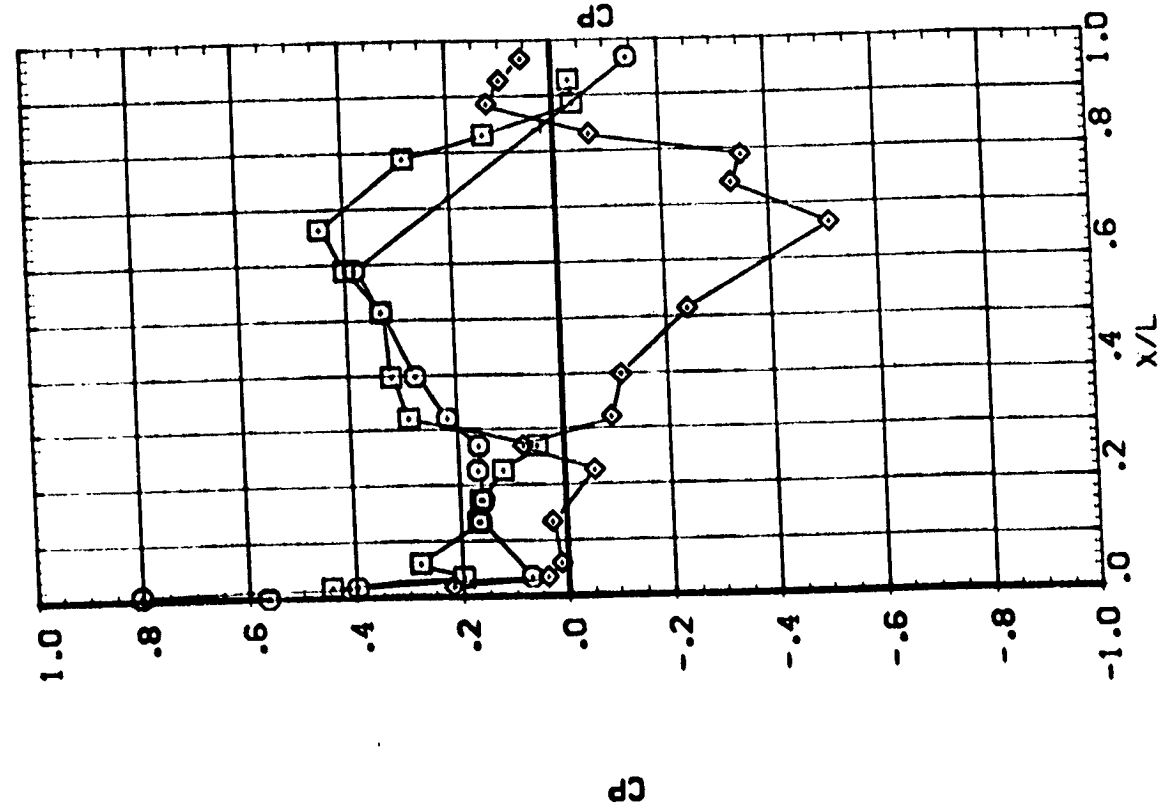
ALPHA: 4.26C  
BETA: -5.05C

SYMBOL:  $\square$   $\diamond$

(RDLBC4)

PARAMETRIC VALUES

ELEVTR -20.000 RUDDER .000  
RUDFLR 40.000 FLAP -10.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0

PAGE 5:



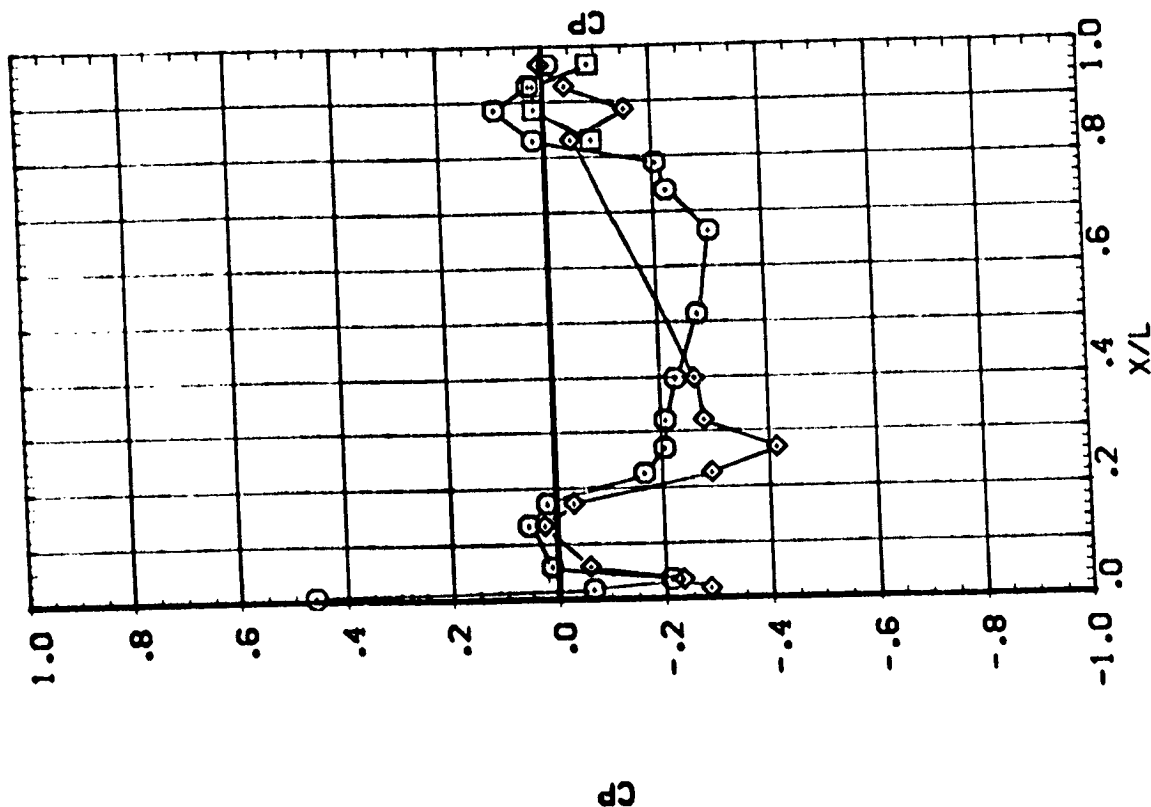
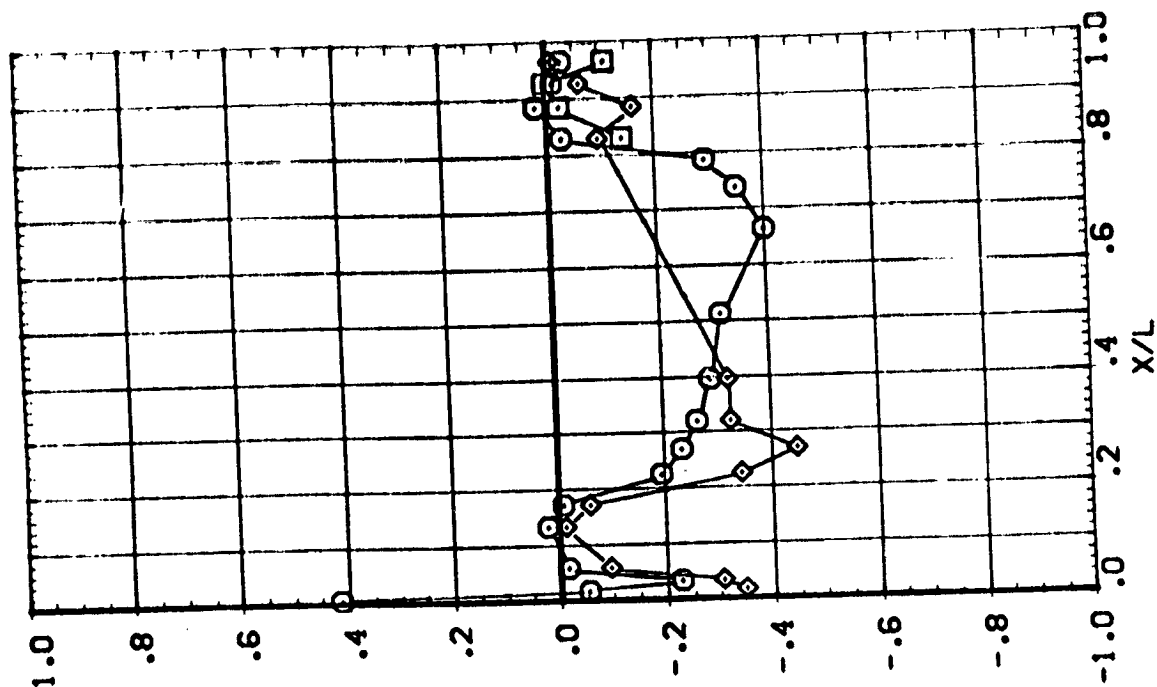
(RDLB04)

3100507M2F1A8TE18.5R5G: LEFT FUSELAGE

SYMBOL  
O  
◇

2M: ALPHA BETA  
50.000 14.760 -5.050  
105.000 16.240  
120.000

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RDLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0

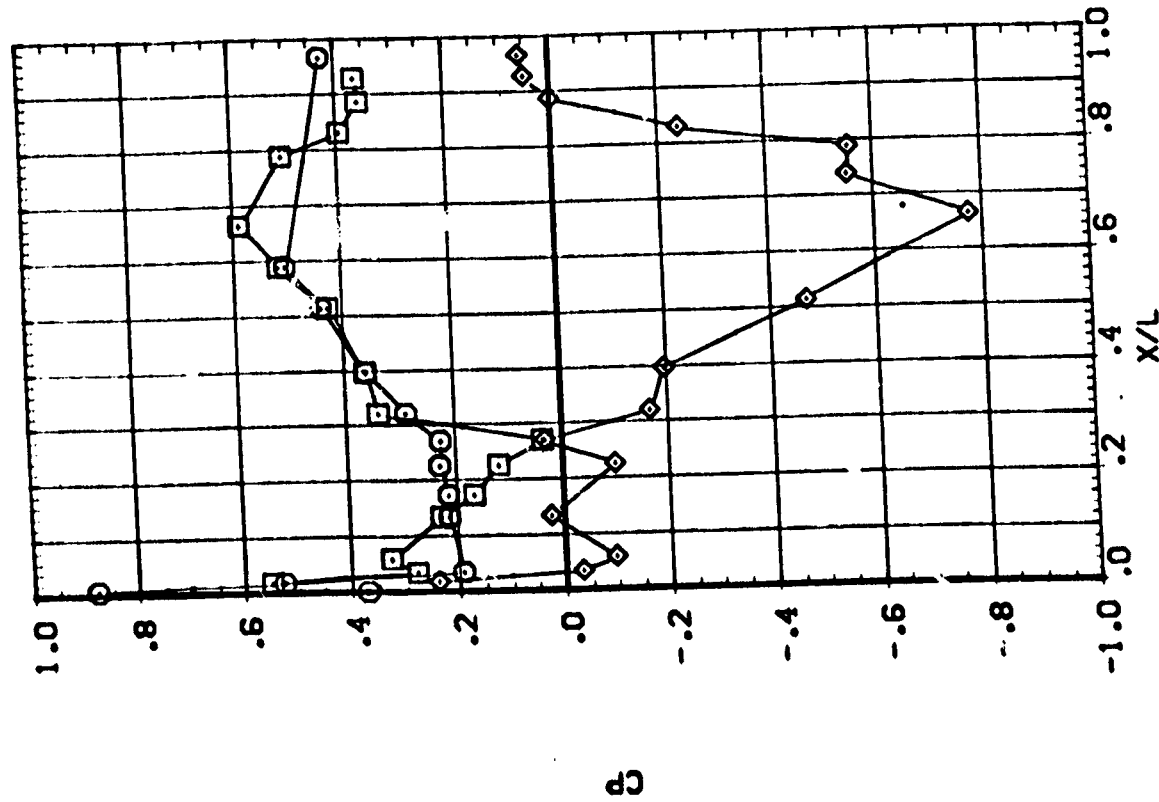


B:CC507M2F:W87E18V5R5G: LEFT FUSELAGE

(RDLB04)

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUFLR 40.000 FLAP -18.000

SYMBOL P-1 ALPHA BETA  
□ .000 18.310 -5.000  
○ 40.000  
◇ 70.000



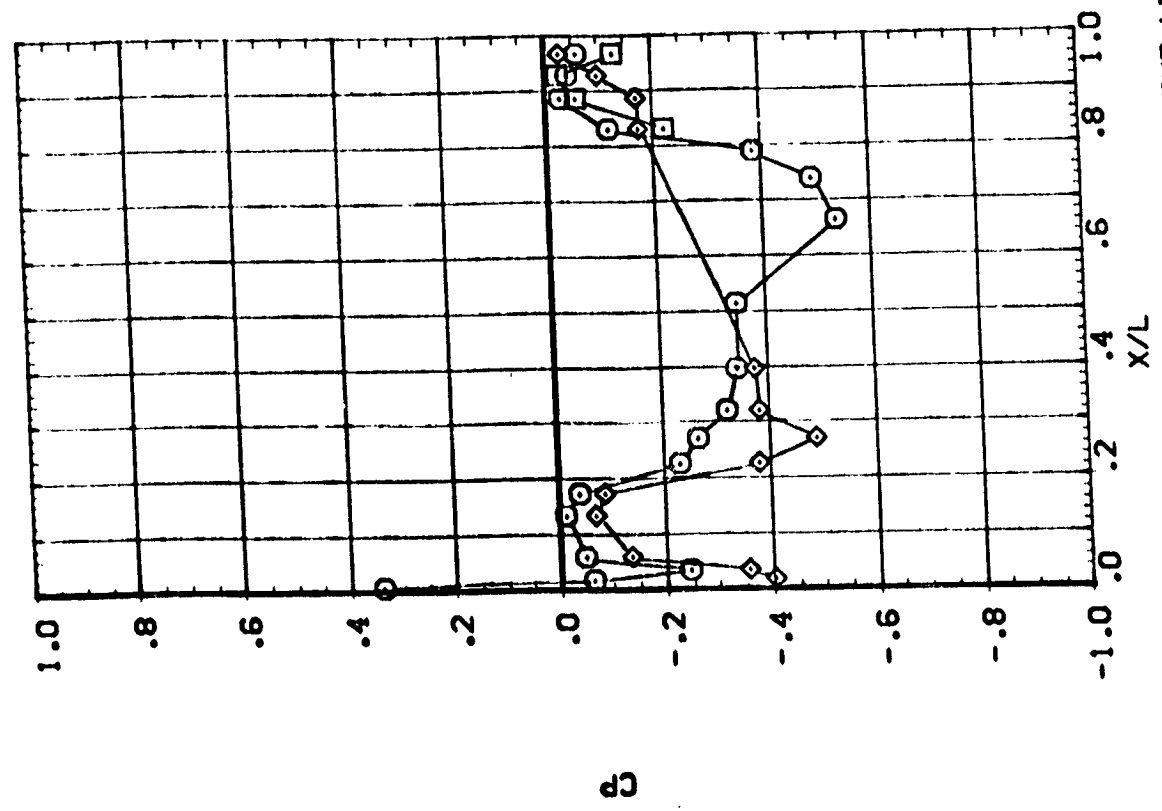
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0  
PAGE 153

(R01804)

3:005572F1W87E18V5R5G: LEFT FUSELAGE

PARAMETRIC VALUES  
ELEVTR -20.000 RUDER .000  
R0FLR 40.000 FLAP -18.000

SYMBOLS:  $\square$   $\circ$   $\diamond$   
P1: 90.000 ALPHA 18.310 BETA -5.030  
105.000  
170.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDER = 0  
PAGE 154

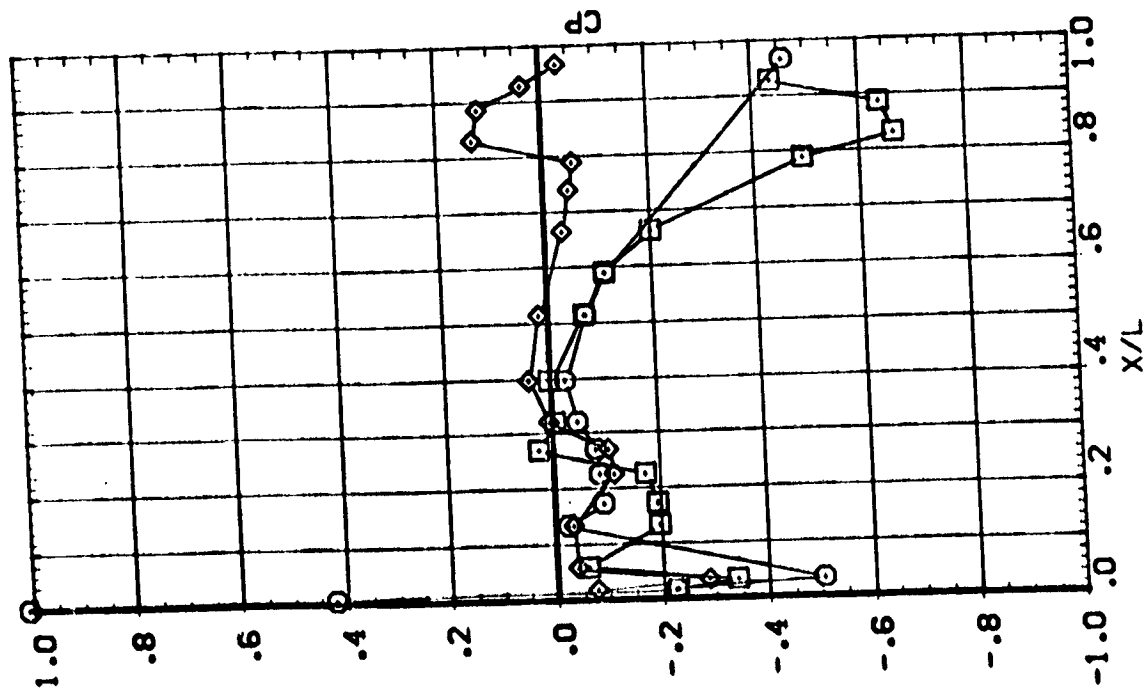
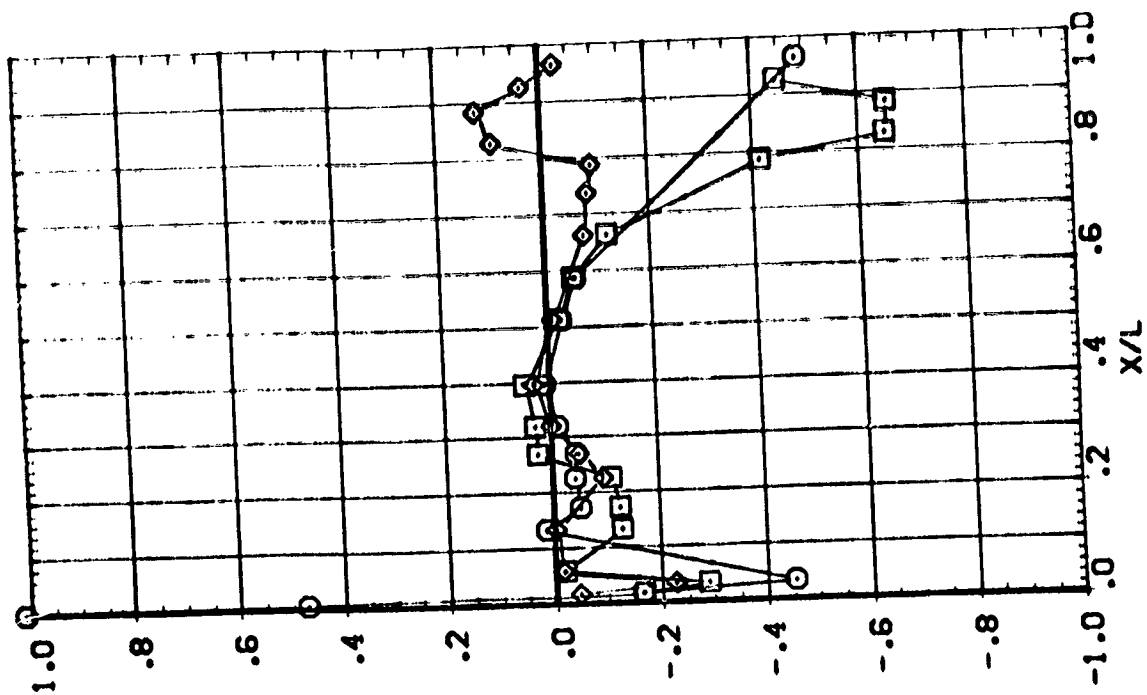


3:00507M2F:187E:8V5R5G: LEFT FUSELAGE

(RDLB04)

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RDLFLR 40.000 FLAP -18.000

SYMBOL  
P: .000 ALPHA .000  
40.000 -3.040  
70.000 -1.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0



3:005072F:W87E:8V5R5G: LEFT FUSELAGE

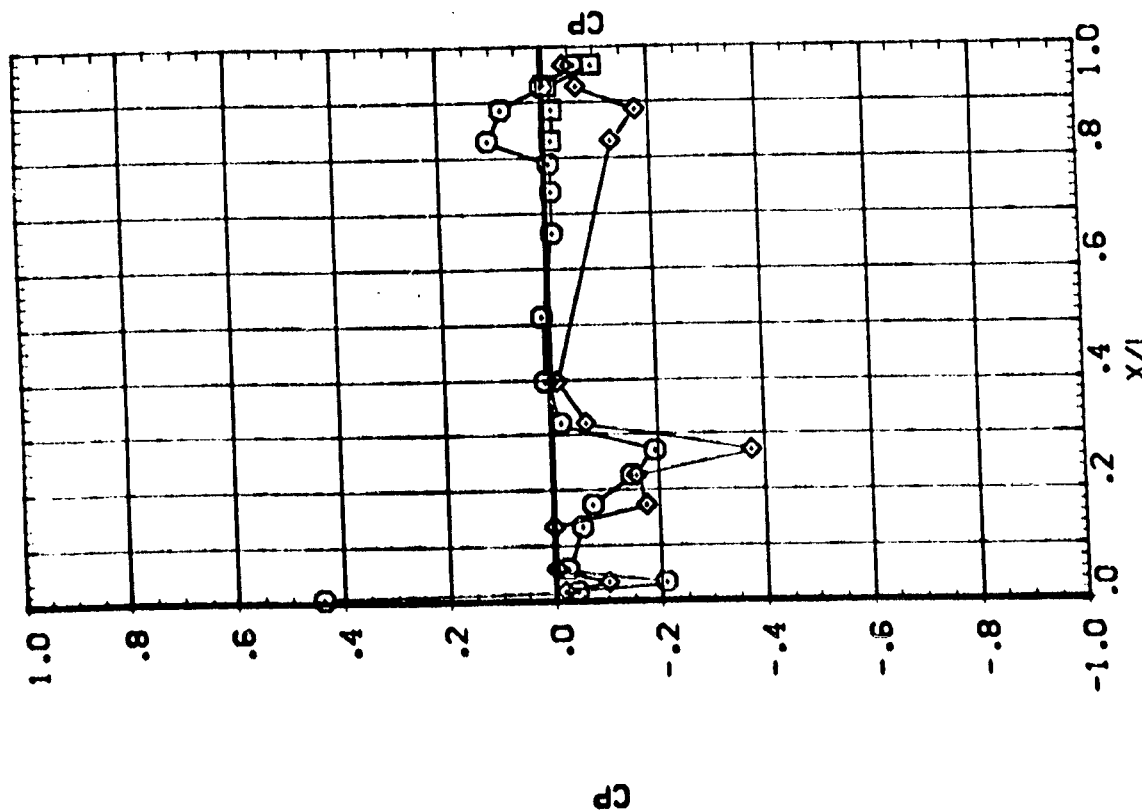
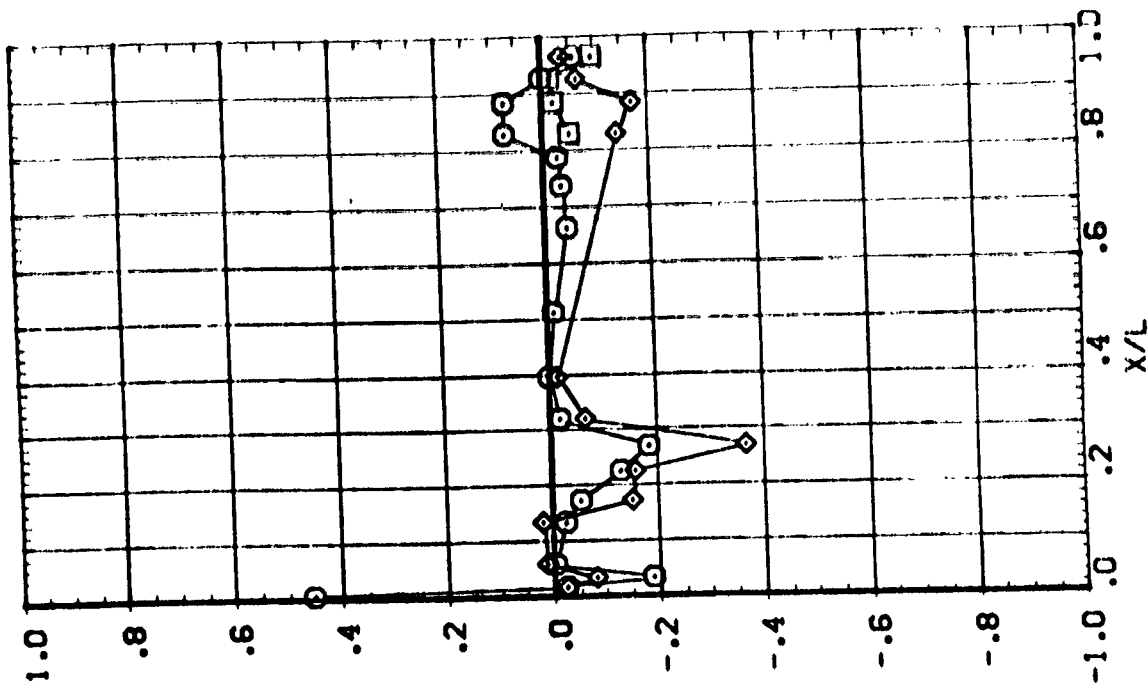
SYMBOL  
90.000  
105.000  
120.000

ALPHA  
-3.040  
-1.000

BETA  
.000

(RDLB04)

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUFLE 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0  
PAGE 155

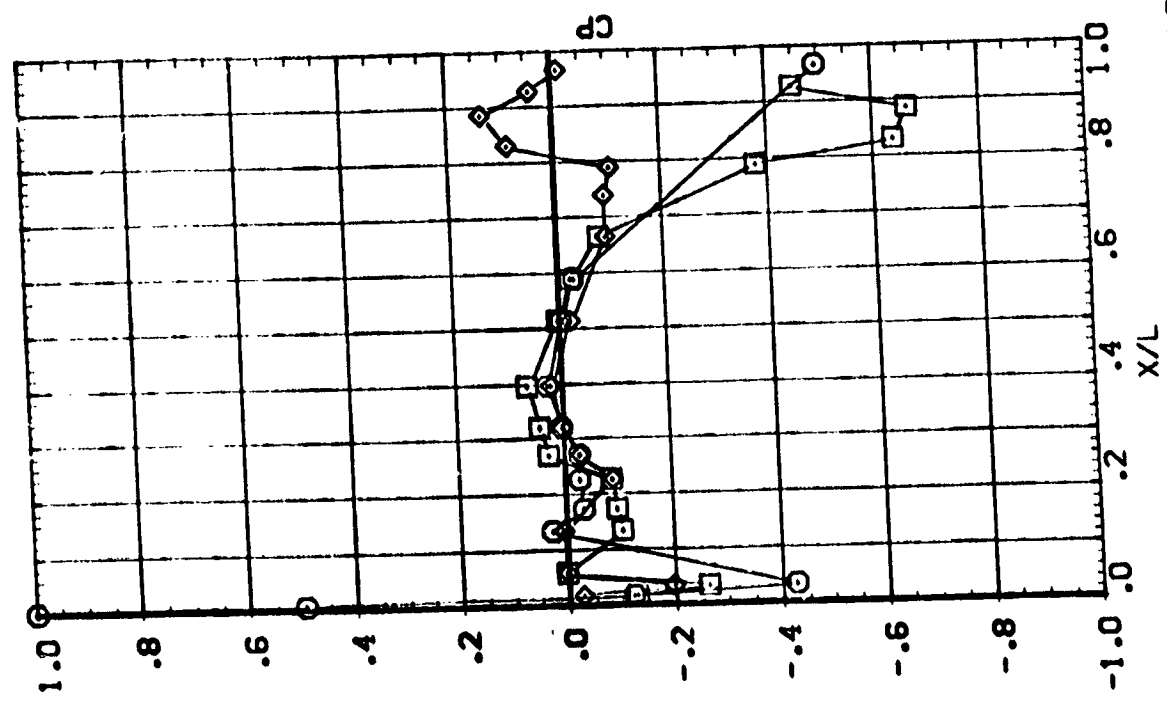
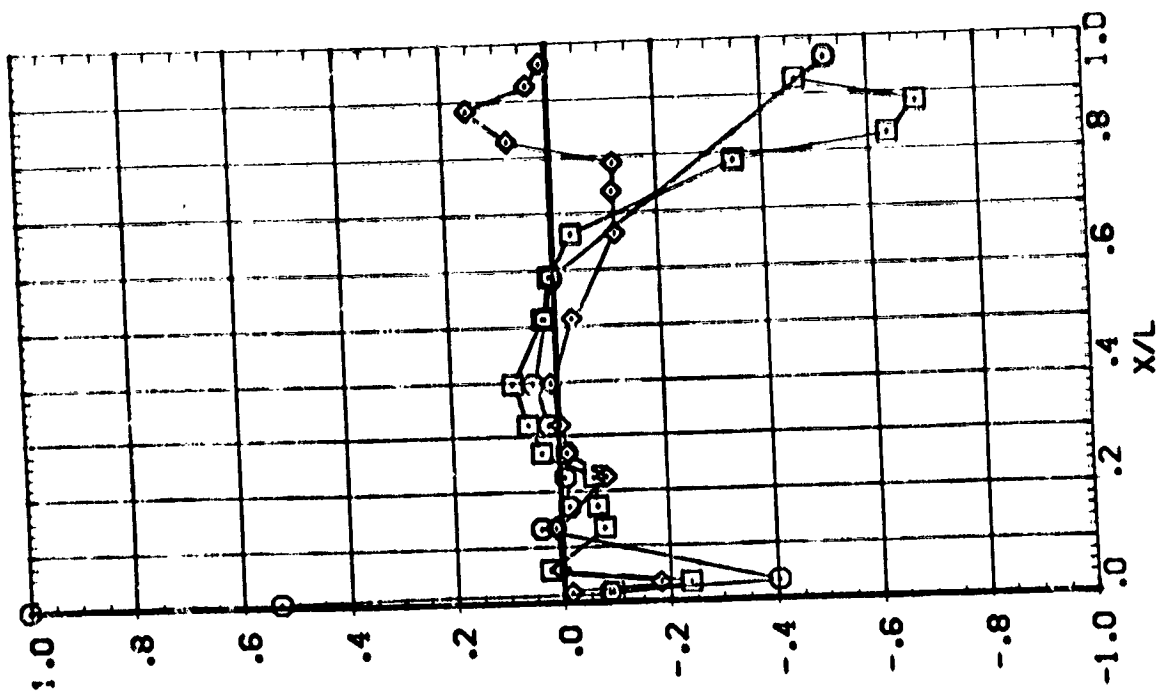


3:00507M2F:187E:8.5R53: LEFT FUSELAGE

(RDLBC4)

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUFFLR 40.000 FLAP -18.000

SYMBOL  
P.A. .000  
ALPHA .010  
BETA .000  
40.000  
70.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0

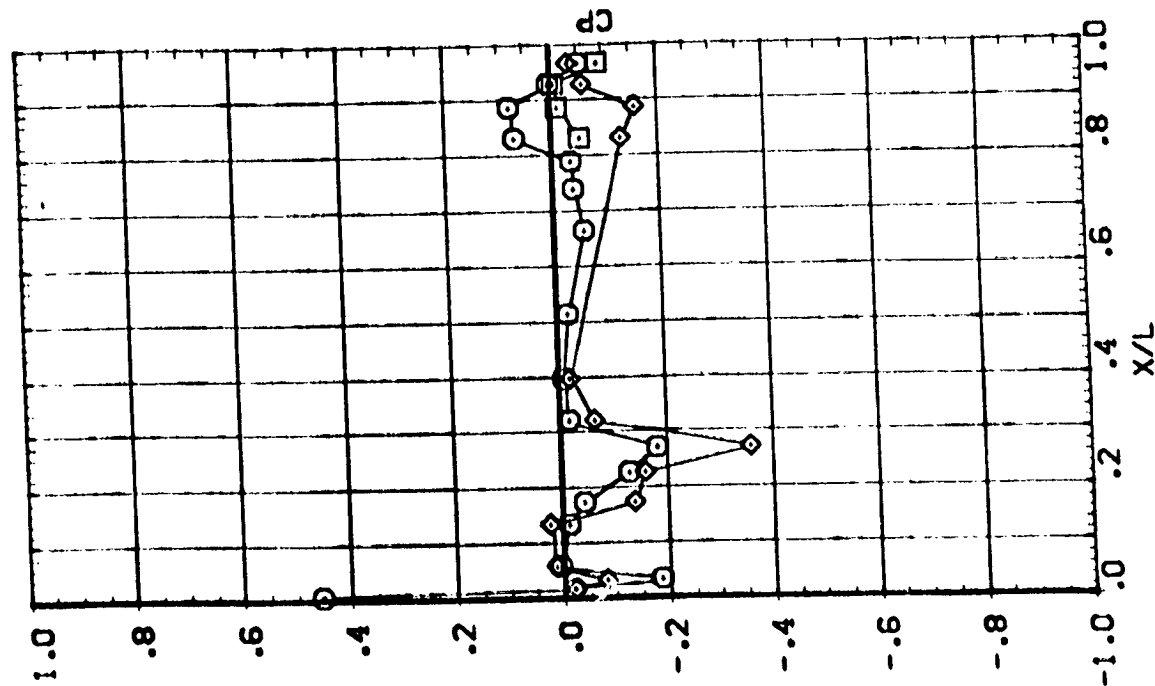
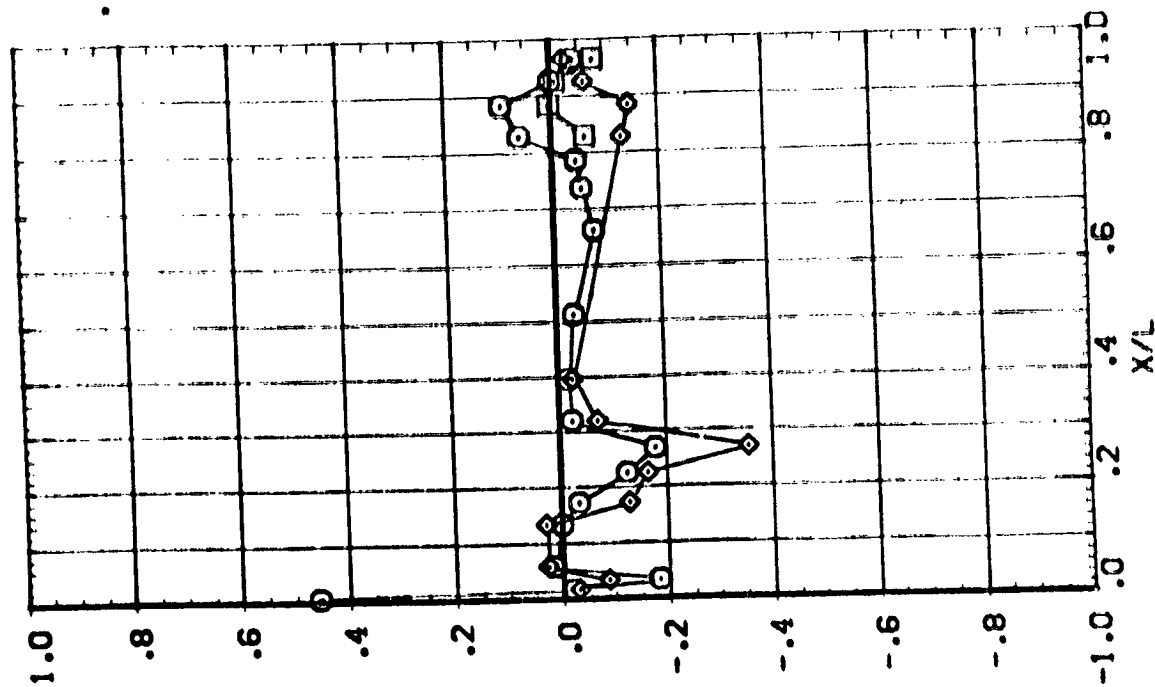
CR018043

3:005372F:M87E18V5R5G: LEFT FUSELAGE

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RODFLP 40.000 FLAP -18.000

SYMBOL  
 90.000  
 105.000  
 120.000

ALPHA .010  
 BETA .000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = -20 DEG, RUDDER = 0

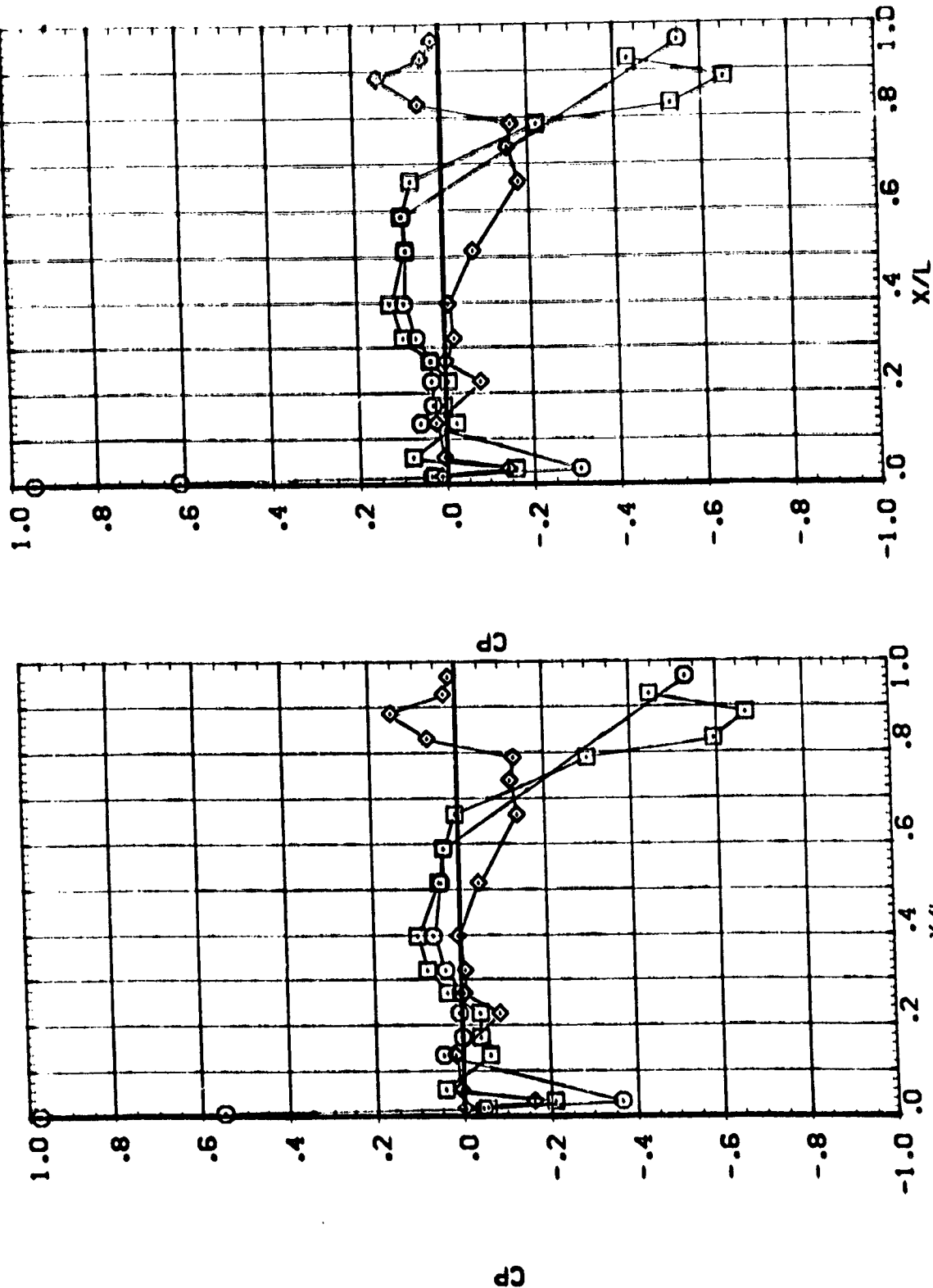


3100507N2F1W87E18VSR5G1 LEFT FUSELAGE

(RDLBC4)

SYMBOL:  $\square$   $\diamond$   
 P-1: .000 2.000 4.000 70.000  
 ALPHA: .000  
 BETA: .000

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RLOFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = -20 DEG. RUDDER = 0  
 PAGE 159





3:00507M2F:187E:8V5R5G: LEFT FUSELAGE

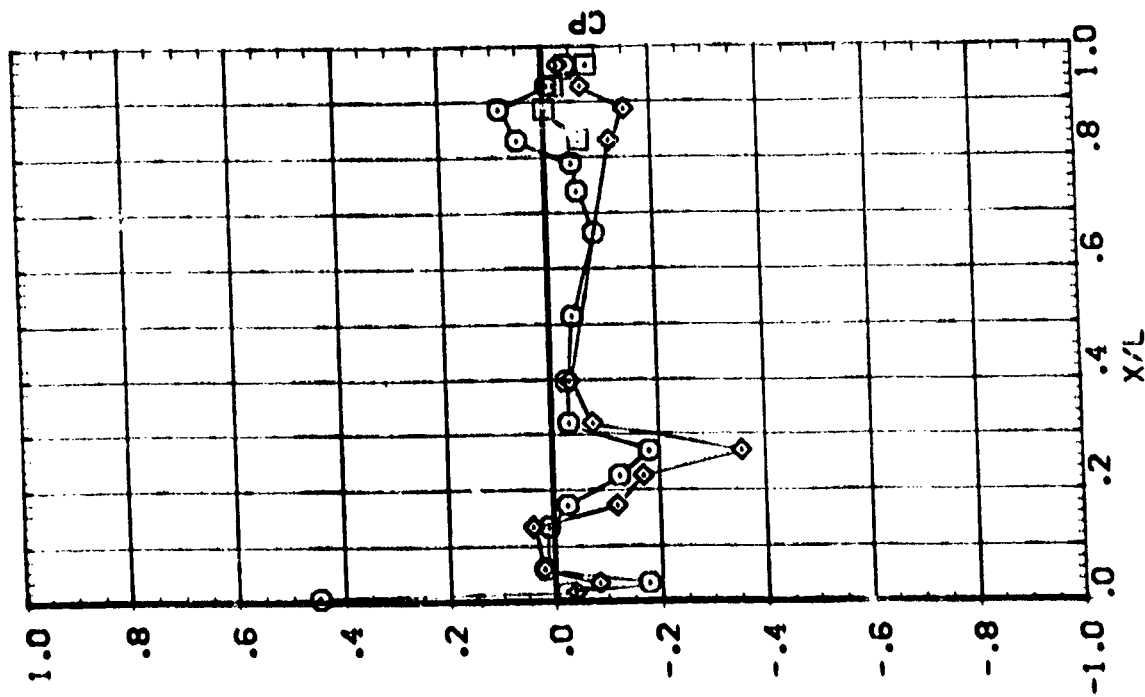
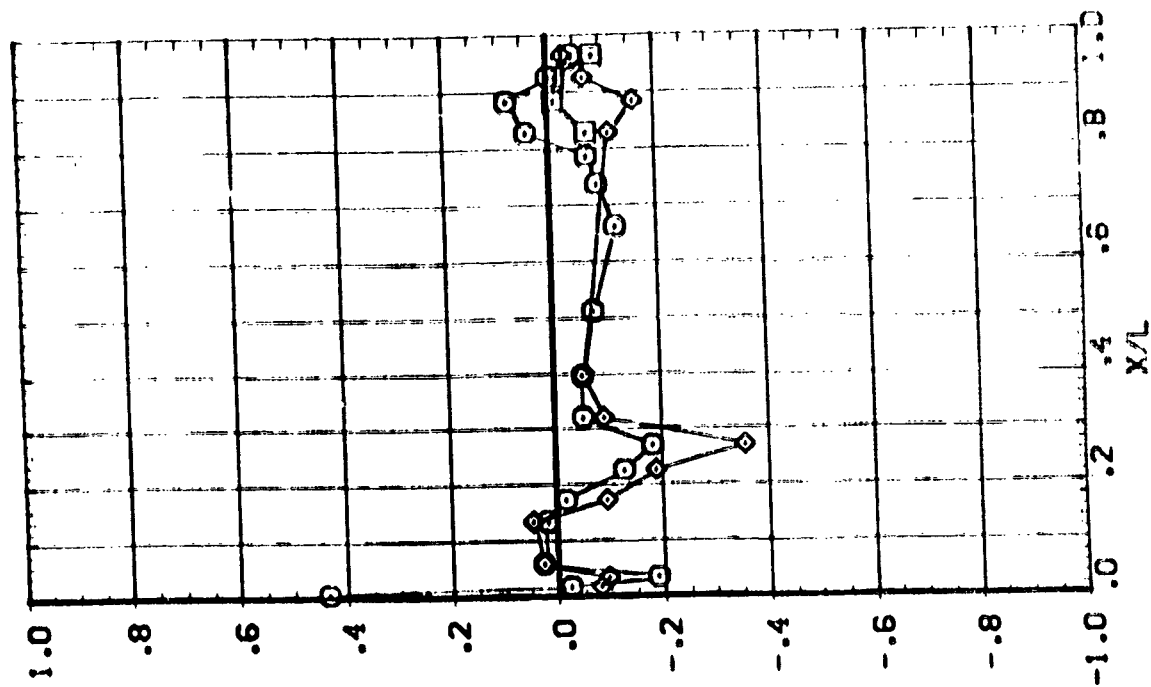
SYMC  
P-1  
90.000  
100.000  
120.000

ALPHA  
2.000  
4.000

BETA  
.000

(RC-804)

PARAMETRIC VALUES  
ELEVTR -20.000 RUDER -20.000  
RUDER 40.000 FLAP -10.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDER = 0

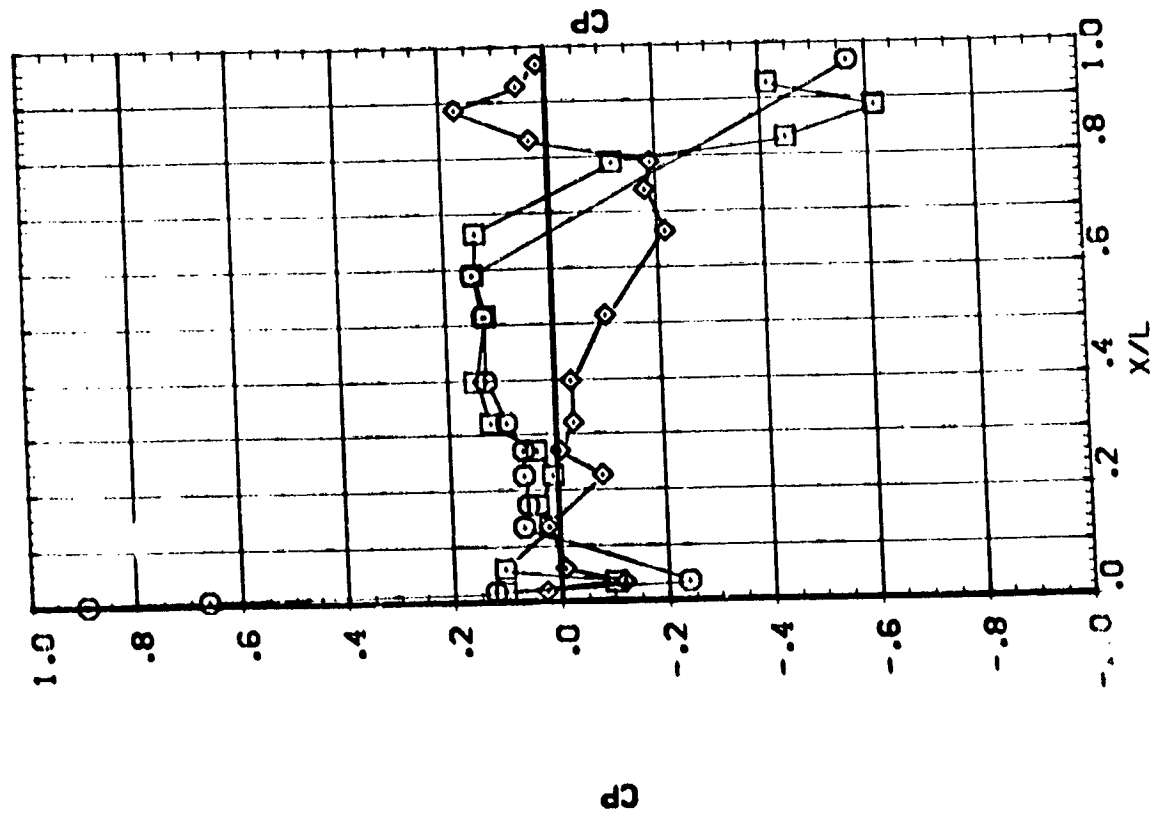
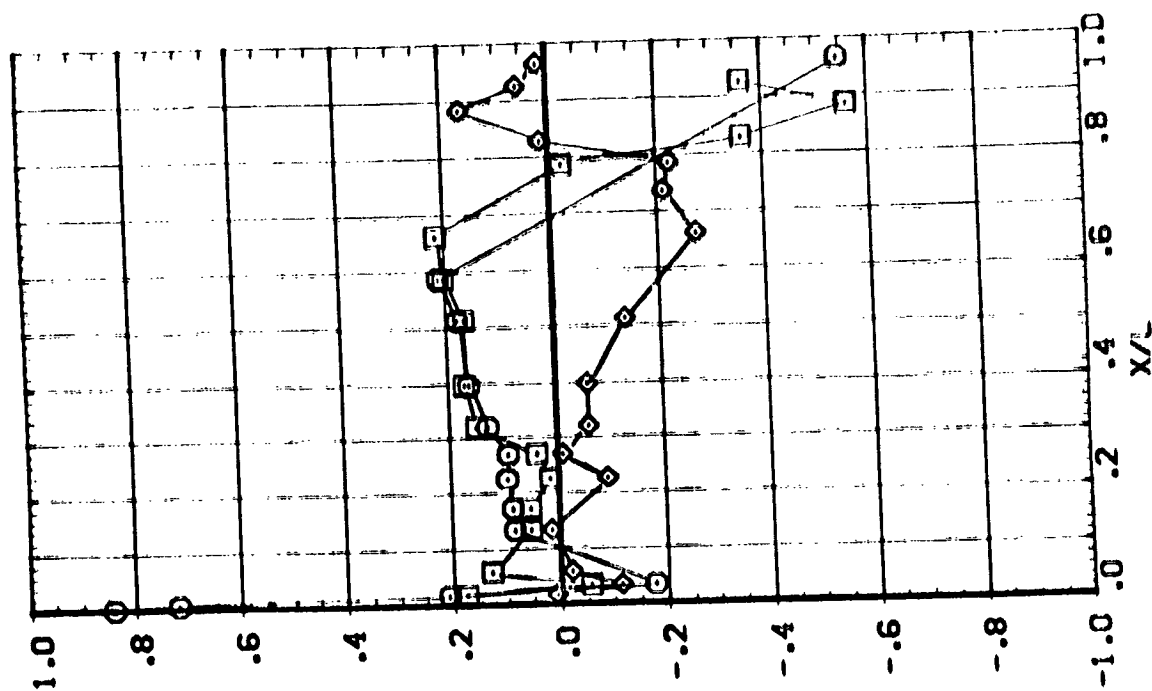


3:00507M2F1A87E18:SR5G: LEFT FUSELAGE

SYMBOL:  $\diamond$   
 P1: .000  
 40.000  
 70.000  
 A<sub>2</sub> 8.080  
 8.110  
 BETA .010

(R0LB04)

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 ROLFR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0  
 PAGE 15:

3:00507VZF:18TE:18,5P00: LEFT FUSELAGE

(30-304)

SYMBOL  
◇

VAL  
90.000  
105.000  
120.000

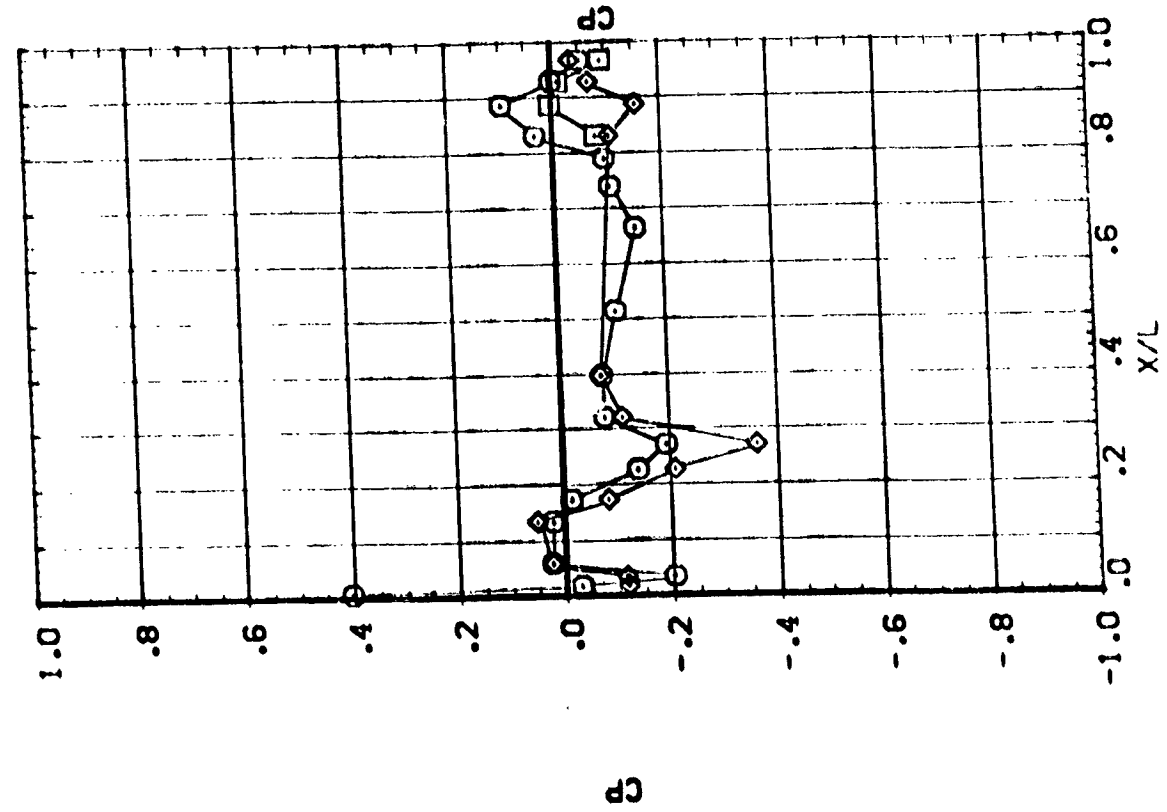
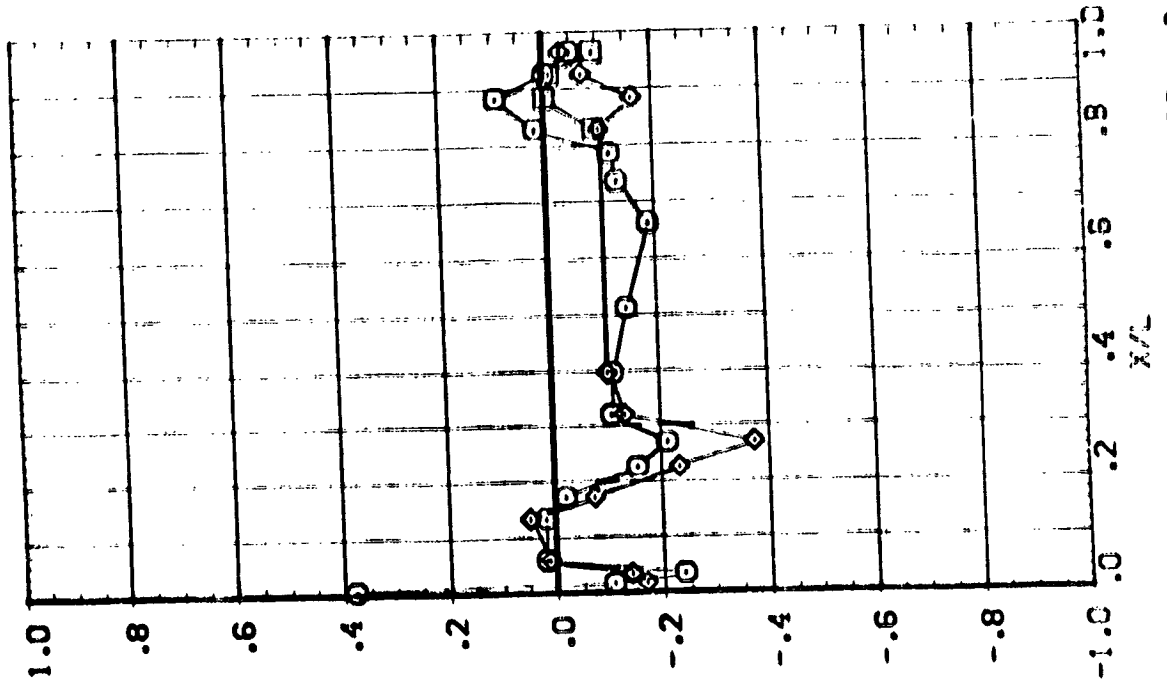
ALPHA  
6.080  
8.110

BE-1

0.00

PARAMETER VALUES

ELEVTR 20.000  
ELEVTR 40.000  
ELEVTR 60.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = 20 DEG. FUSLAGE = 0  
PAGE 180

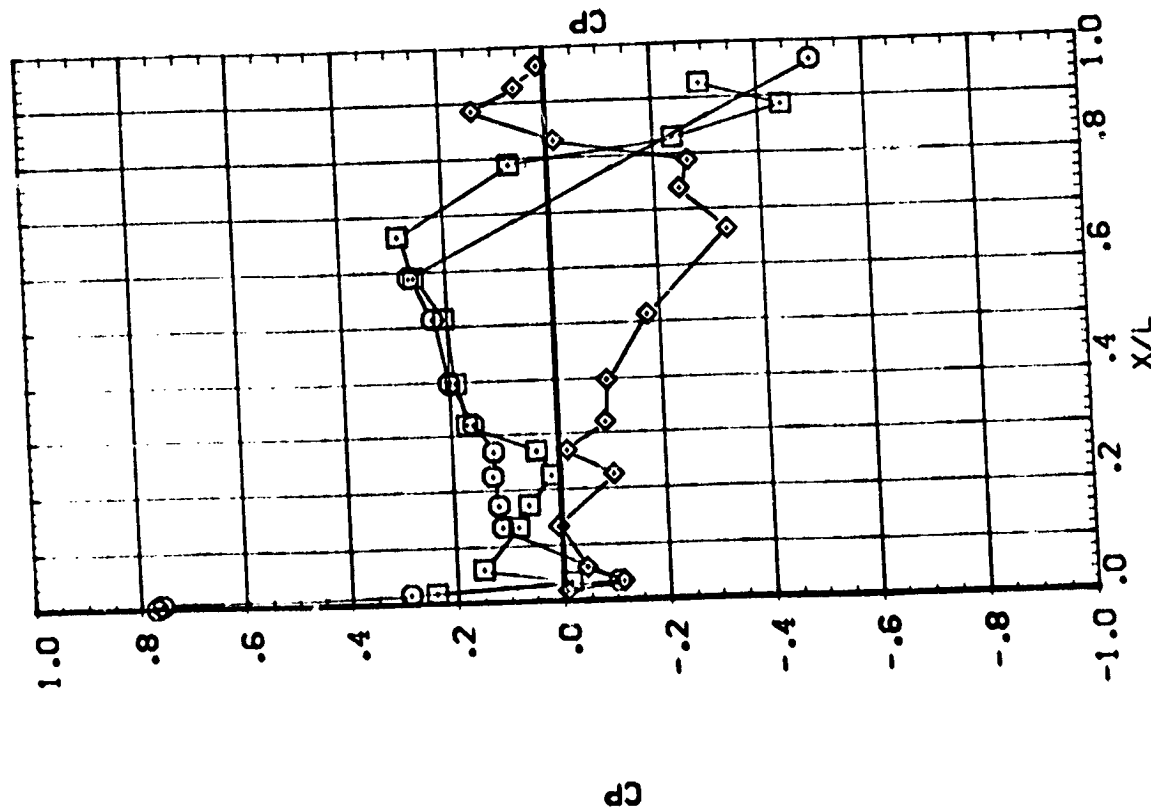
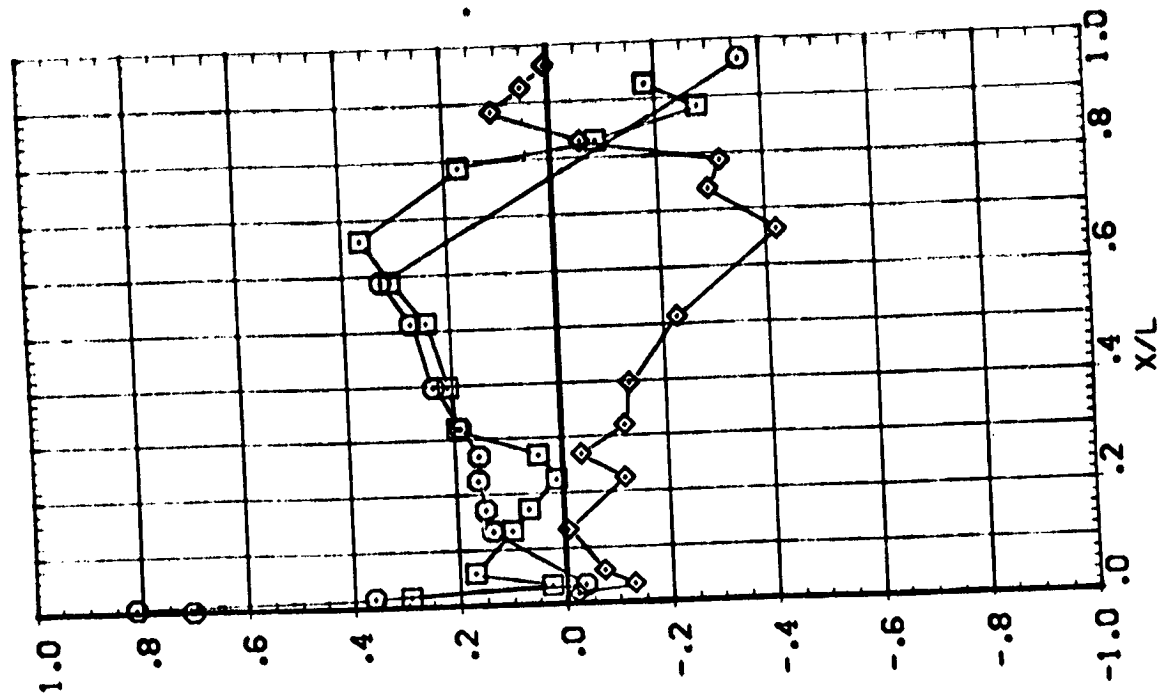


B:00507M2F:1487E:8V5R5G1 LEFT FUSELAGE

SYMBOL  $\square$   $\circ$   $\diamond$   
 PUL .0000  
 .40.000  
 70.000  
 ALPHA 36.14  
 .000  
 10.120  
 12.200

(RDLB04)

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0  
 PAGE 163

(RDLBC4)

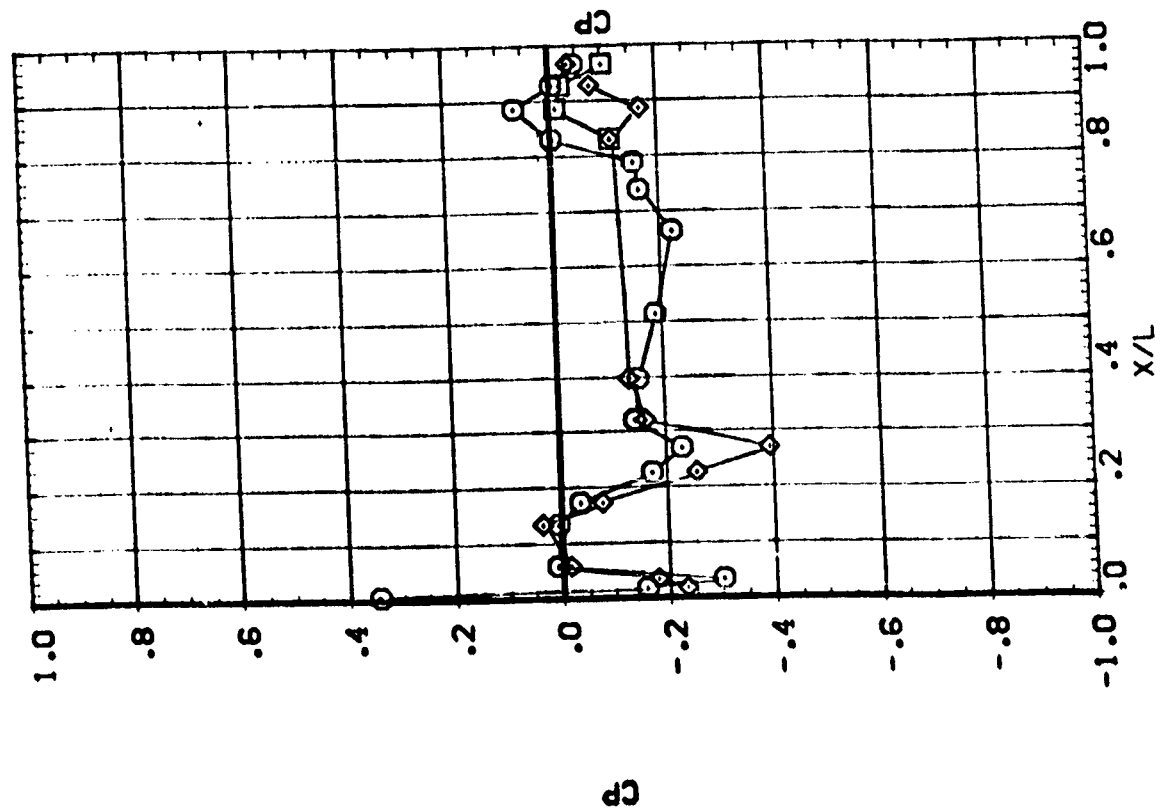
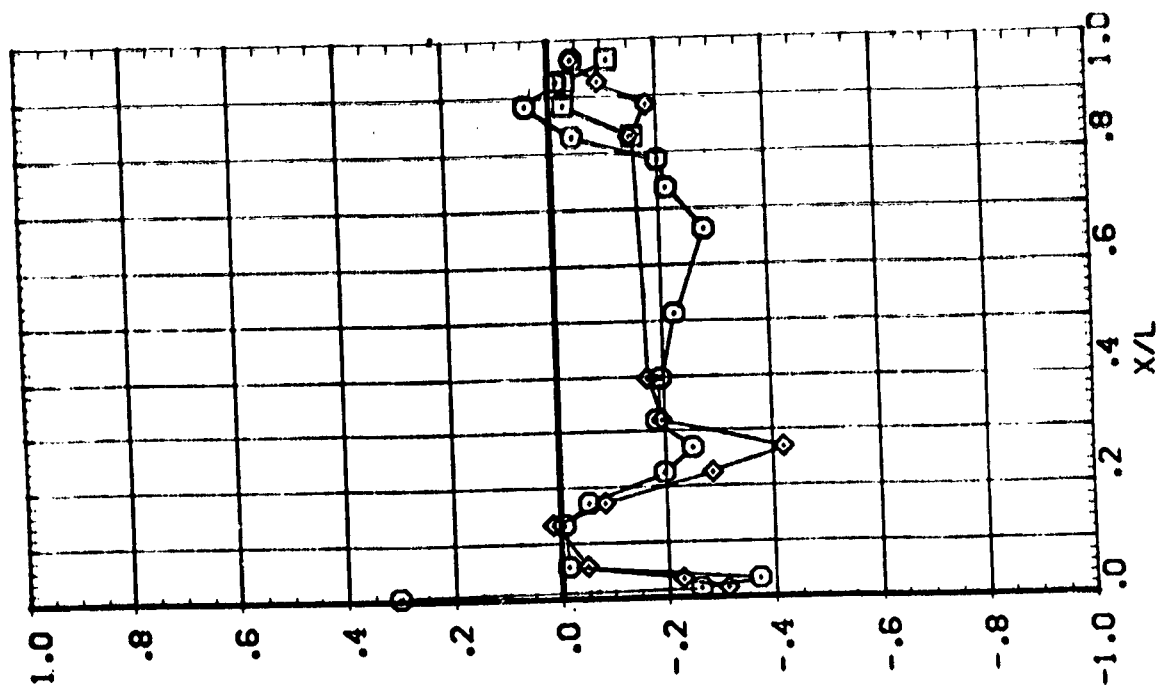
3:00507V2F:187E:8VSR5G: LEFT FUSELAGE

SV82  
90.000  
125.000  
170.000

ALPHA  
12.120  
12.250

BETA  
.000

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RDLFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0



(RDLB04)

3:00507M2F:1A87E:8V5R5G: LEFT FUSELAGE

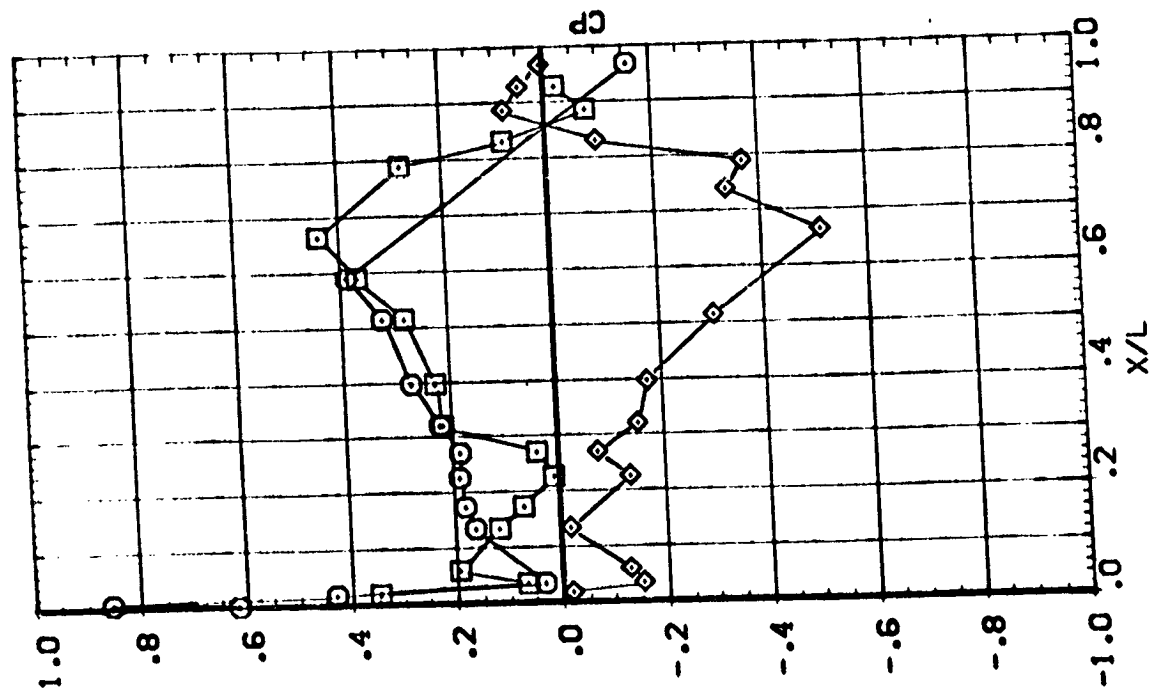
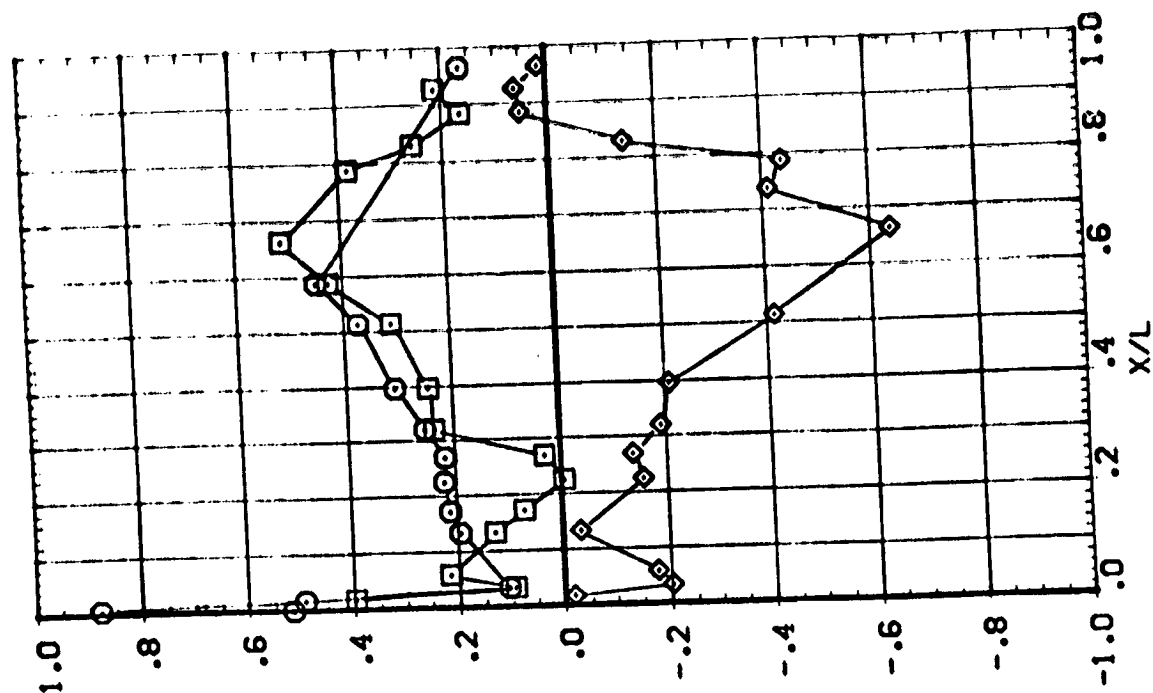
PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RDFLR 40.000 FLAP -10.000

SYMBOLS  
○ □ ◇

VAL  
.000  
40.000  
70.000

1.000  
14.240  
16.000

3E-11



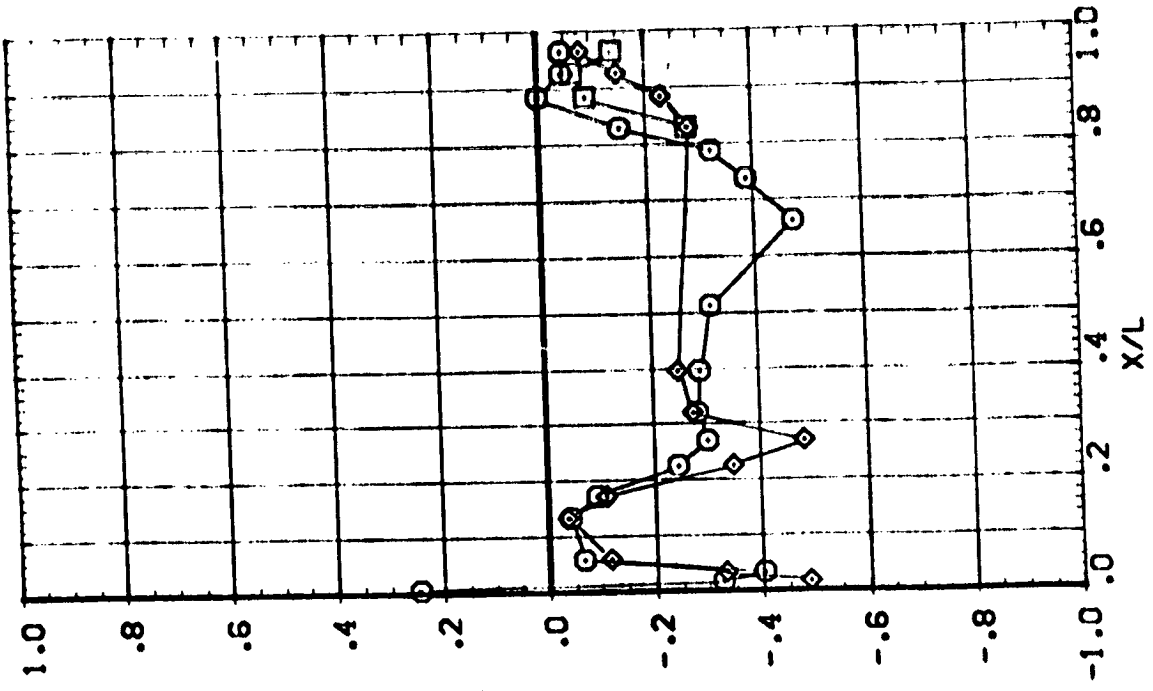
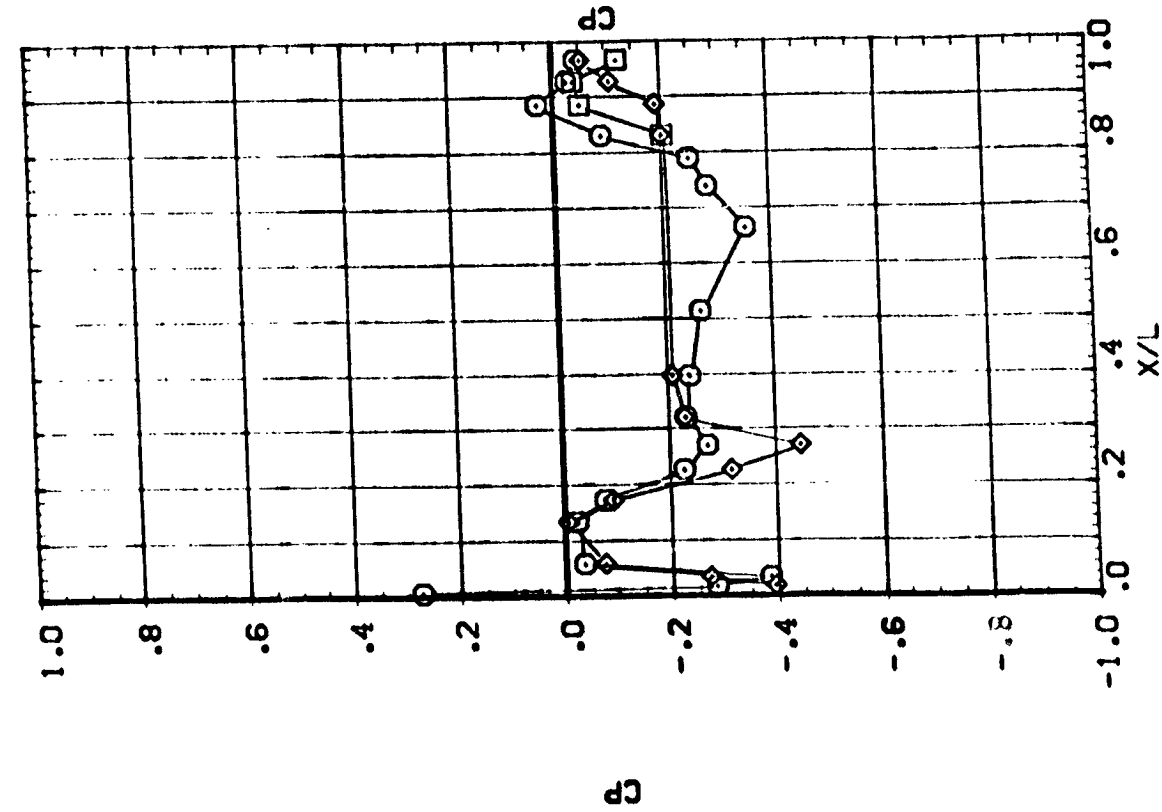
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0

SYMBOL  
 90.000  
 100.000  
 120.000

ALPHA  
 14.740  
 16.730

BETA  
 .000

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = -20 DEG. RUDDER = 0

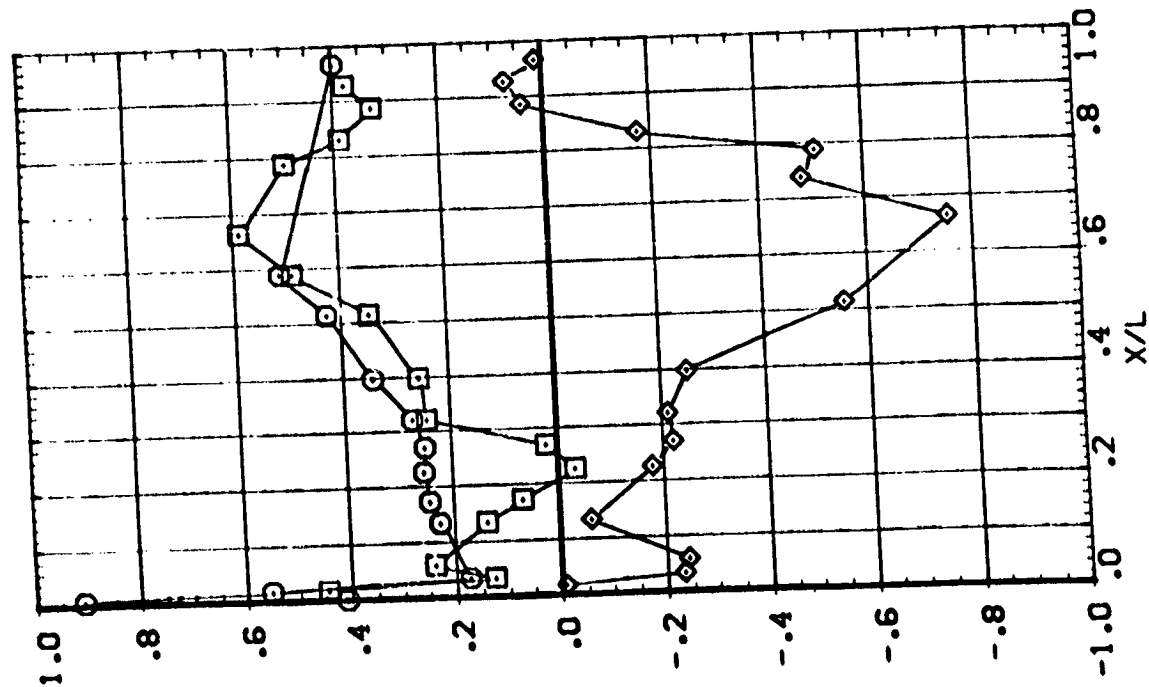


B:00507X2F:W87E18VSR5G: LEFT FUSELAGE

SYSC- P-1: ALPHA BE'A .000  
 .000  
 40.000  
 70.000

(RDLB04)

PARAMETRIC VALUES  
 -20.000 RUDDER .000  
 40.000 FLAP -10.000  
 ELEVTR  
 RLOFLR



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0  
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3:00507V2F1W87E:8V5R5G1 LEFT FUSELAGE

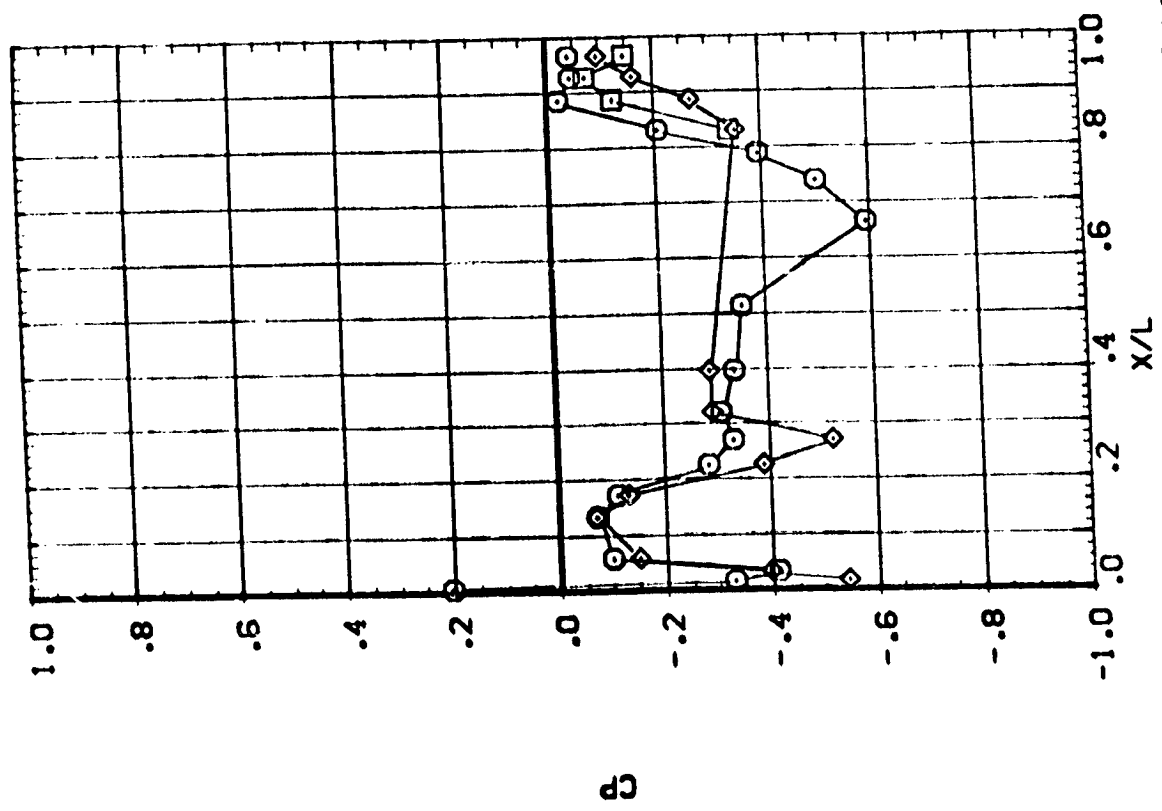
(R01204)

SYMBOL  
 90.000  
 125.000  
 170.000

A. PMA  
 18.300

BETA  
 .000

PARAMETRIC VALUES  
 ELEVTR -20.000  
 RUDDER 0.000  
 RUDFLR 40.000  
 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0



3:005072F1W87E18V5R5G: LEFT FUSELAGE

SYMBOL  
O  
I  
◇

PHI  
.000  
45.000  
73.000

ALPHA  
-3.030  
-1.310

BETA  
5.000

(RDLB04)

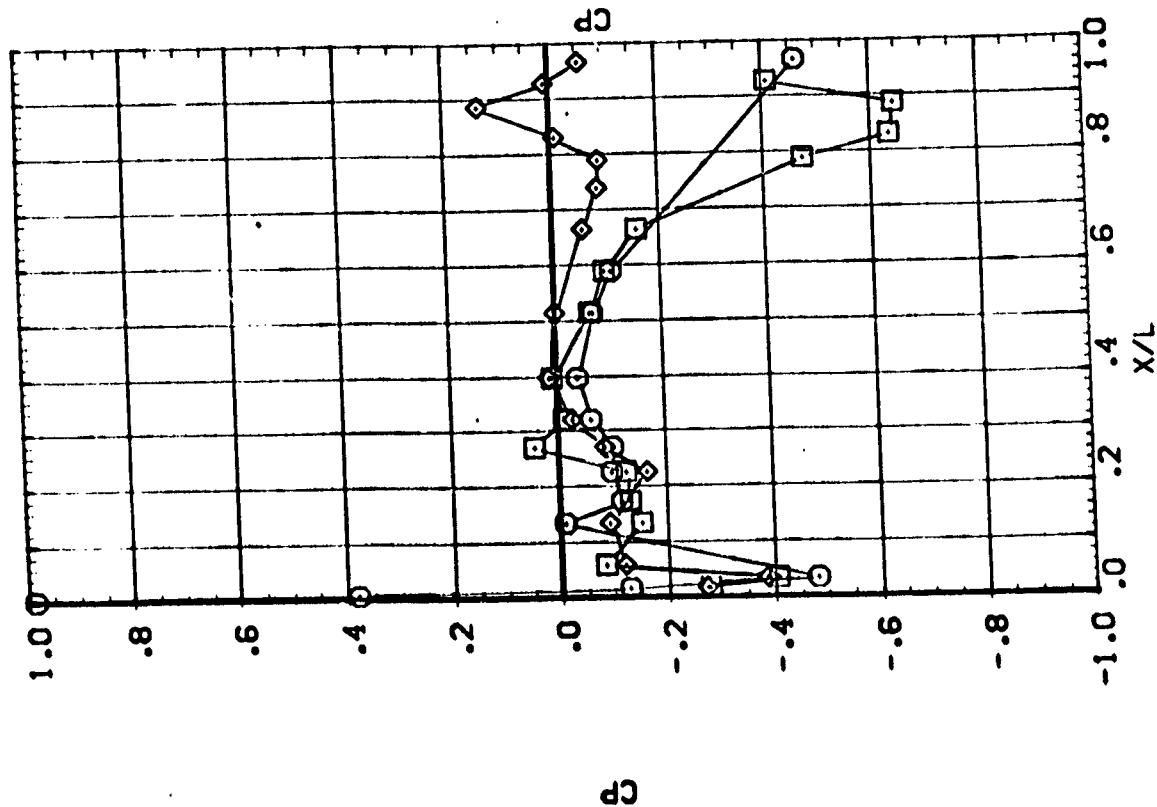
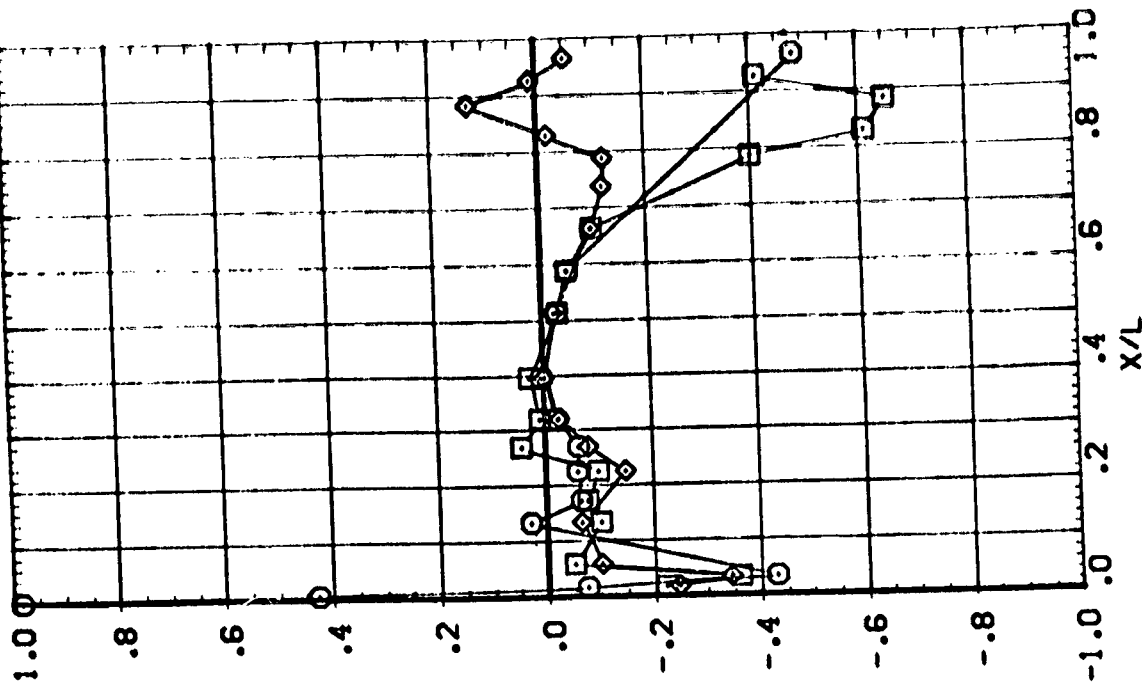
PARAMETRIC VALUES

ELEVTR  
RJOFLR

-20.000  
40.000

RUDDER  
FLAP

.000  
-18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0

3:00537M2F1A87E:8VSR50: LEFT FUSELAGE

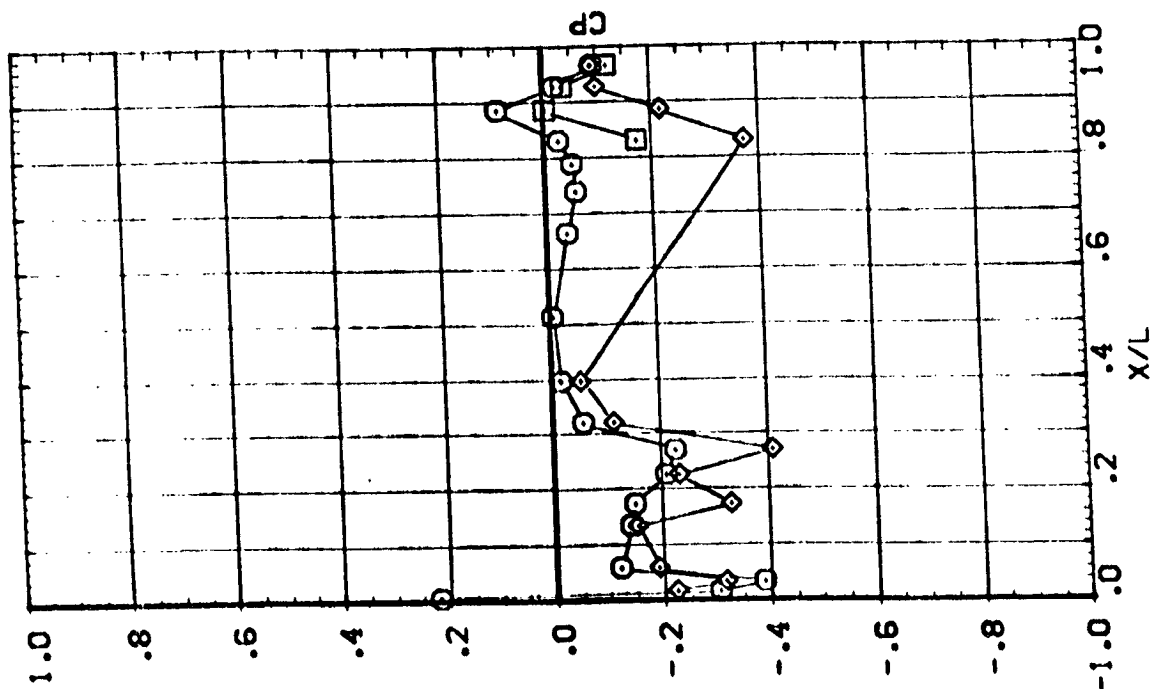
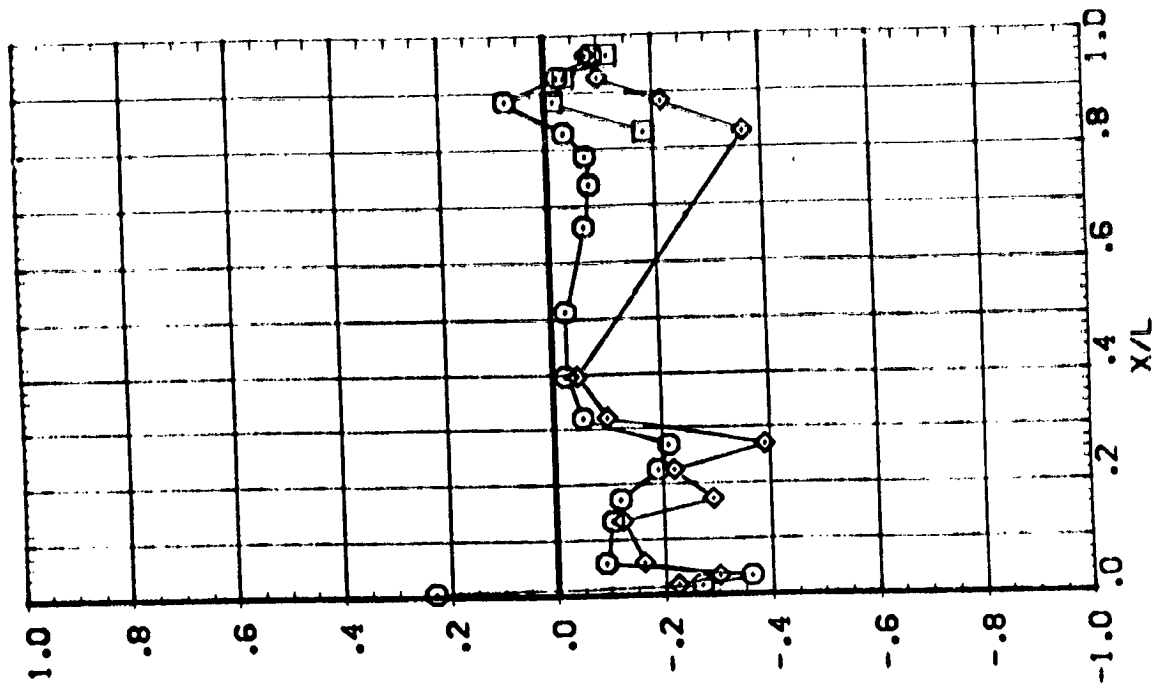
(RD-BC4)

SYNCH  
O  
O  
O  
O

ALPHA  
-3.03C  
1.010

BETA  
5.000

PARAMETRIC VALUES  
ELEVTR -20.000  
RUDDER 0.000  
FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = -20 DEG. RUDDER = 0  
PAGE 170



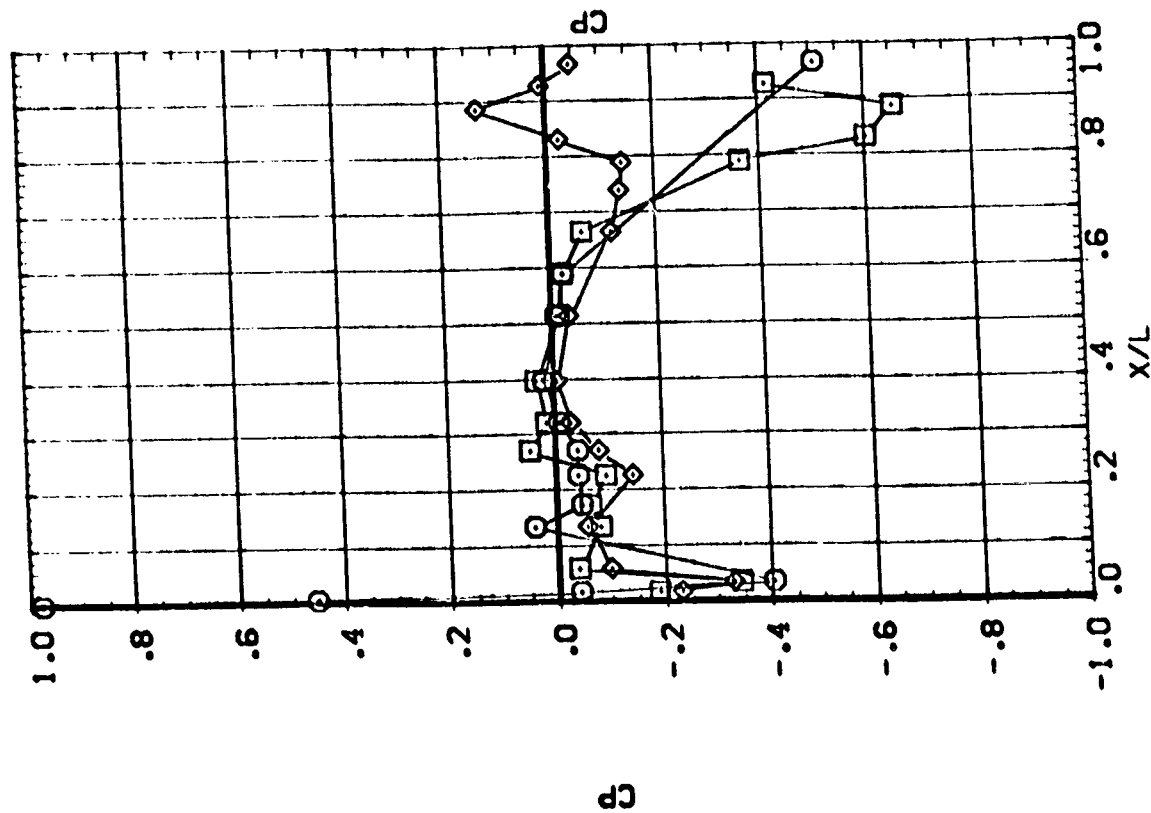
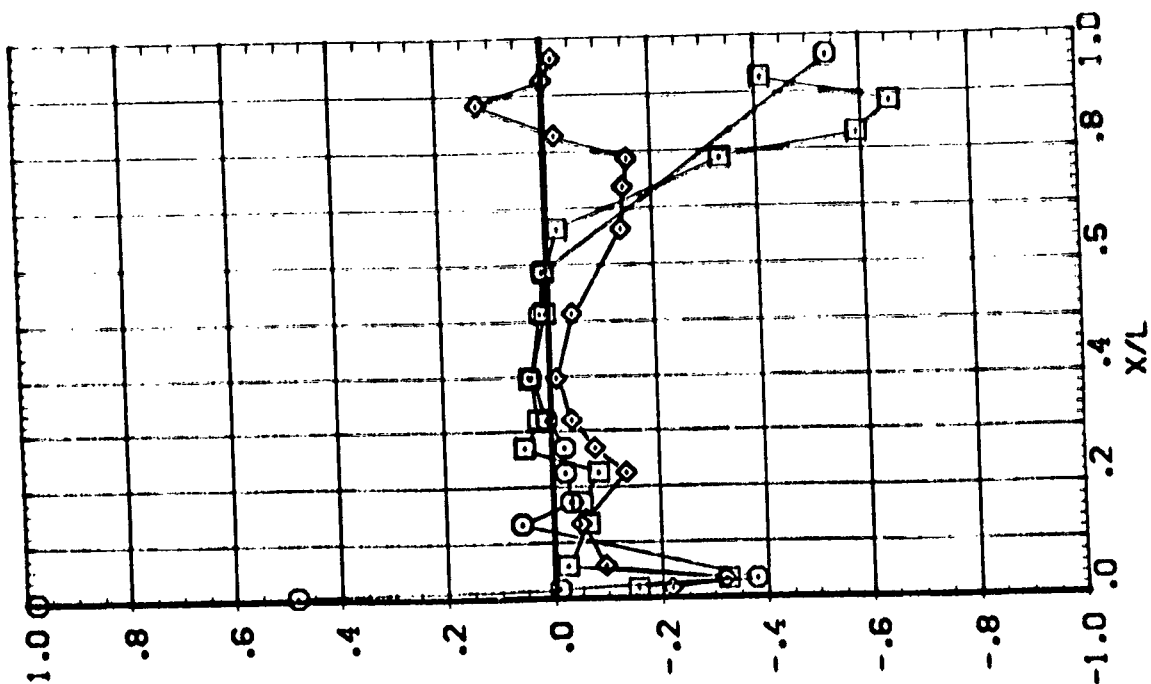
(RDL804)

3:00507M2F1W87E18VSR5G: LEFT FUSELAGE

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RDLR 40.000 FLAP -18.000

SYMBOL  
□ .000  
○ .000  
◇ .000  
◇ .000

ALPHA 0.000  
BETA 5.000



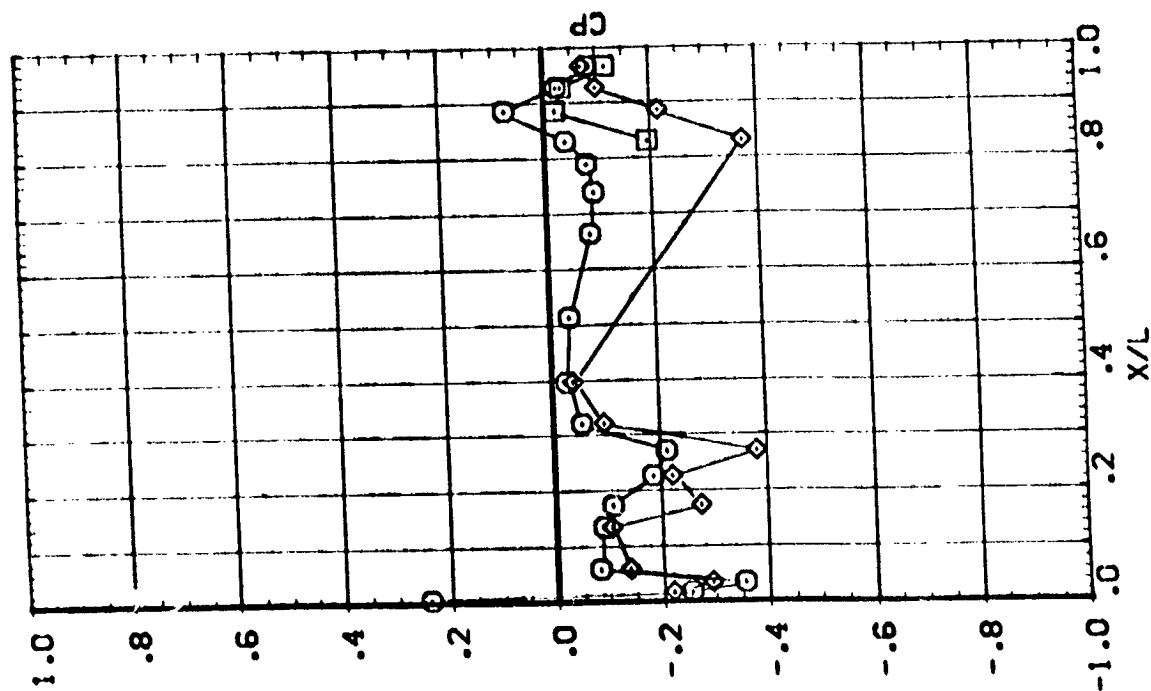
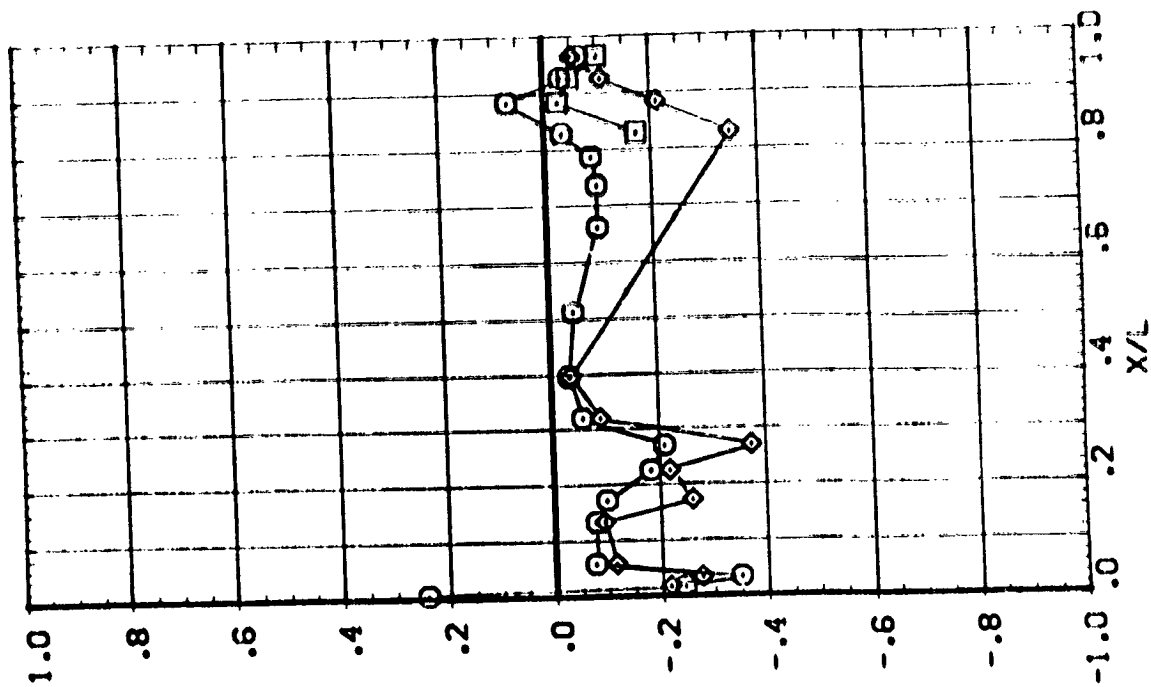
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0

(RDL304)

B:00537Y2F:W87E:8VSR5G1 LEFT FUSELAGE

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER -10.000  
RUOFLR 40.000 FLAP

SYMBOLS  
ALPHA .010 BETA 5.000  
SC.000  
OS.000  
70.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG. RUDDER = 0

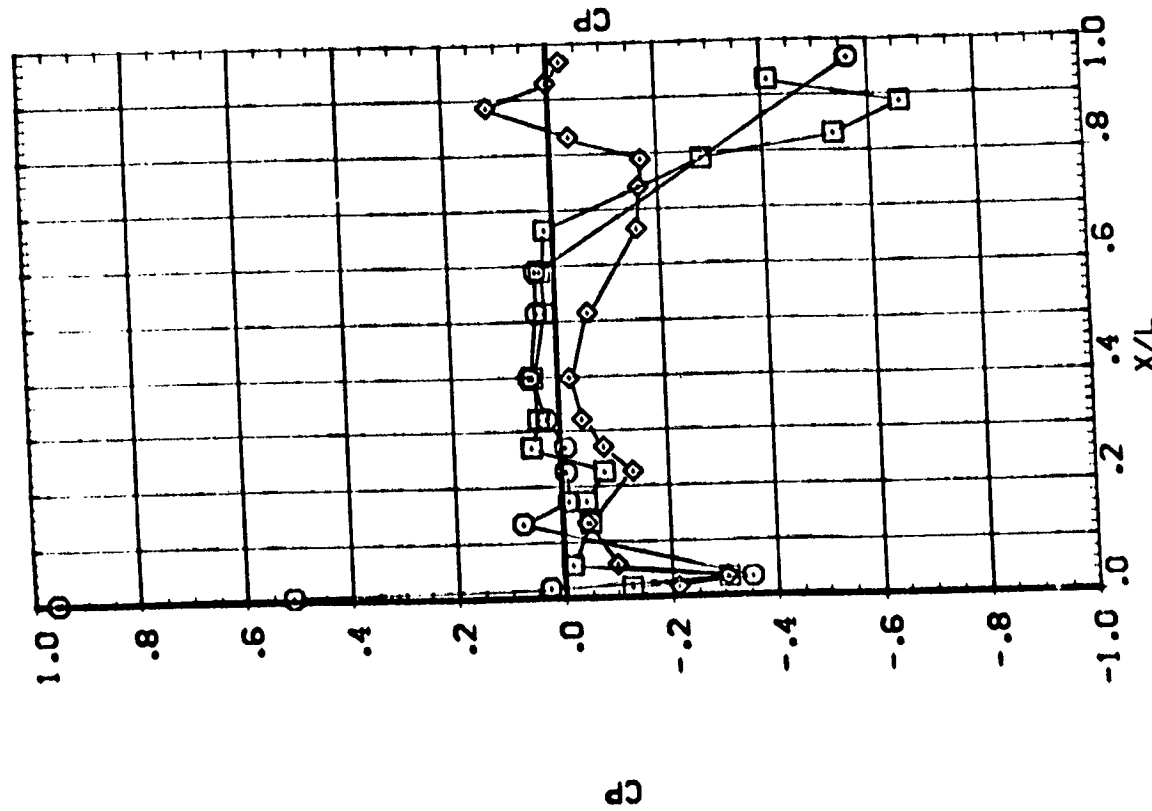
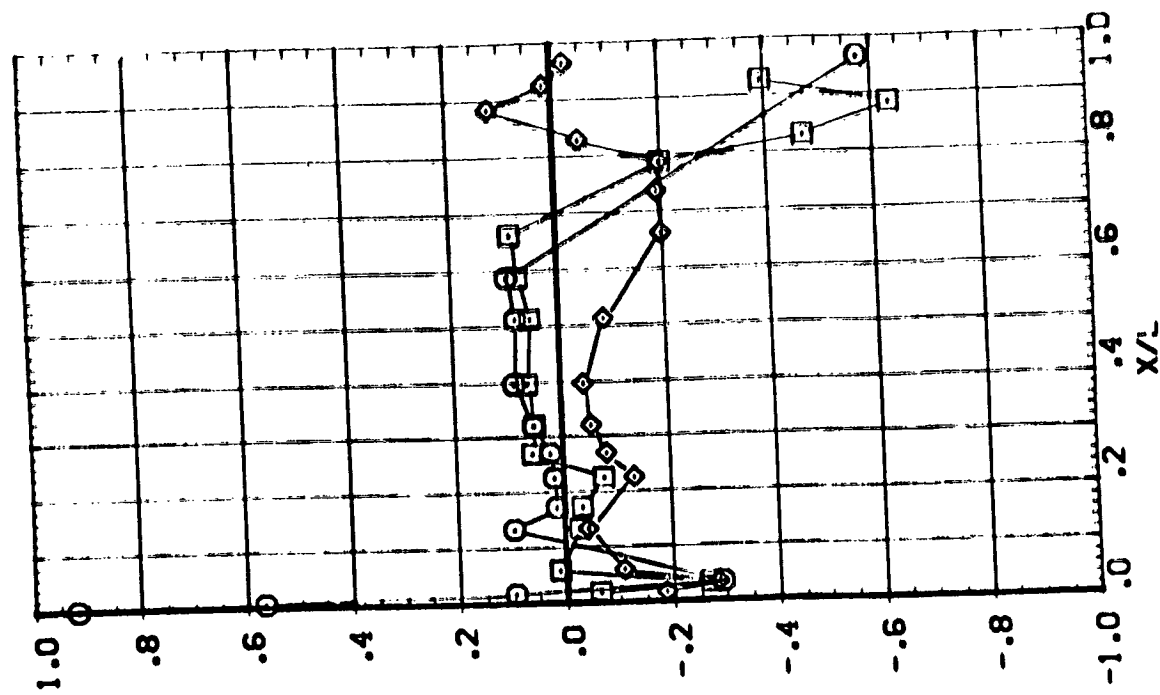


8:00507M2F:W87E18V5R5G: LEFT FUSELAGE

SYMBOL:  $\diamond$   
 P.M.: .000  
 40.000  
 70.000  
 ALPHA: 2.000  
 4.000  
 BETA: 5.000

(RDL304)

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = -20 DEG. RUDDER = 0.  
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CRD-3042

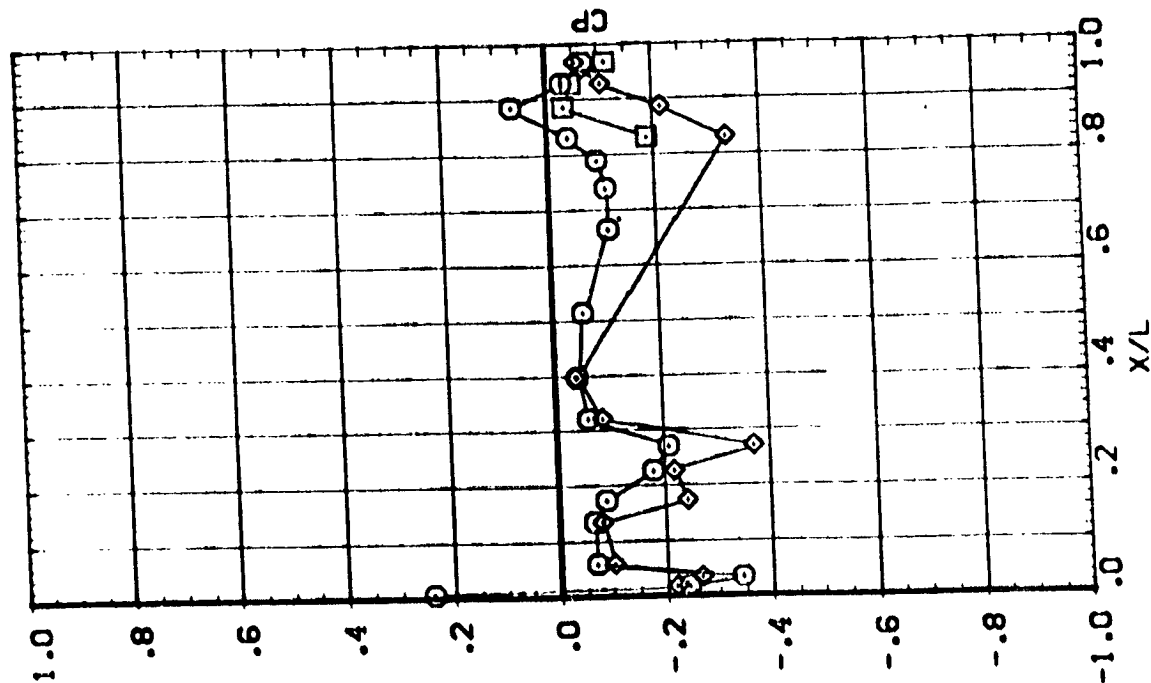
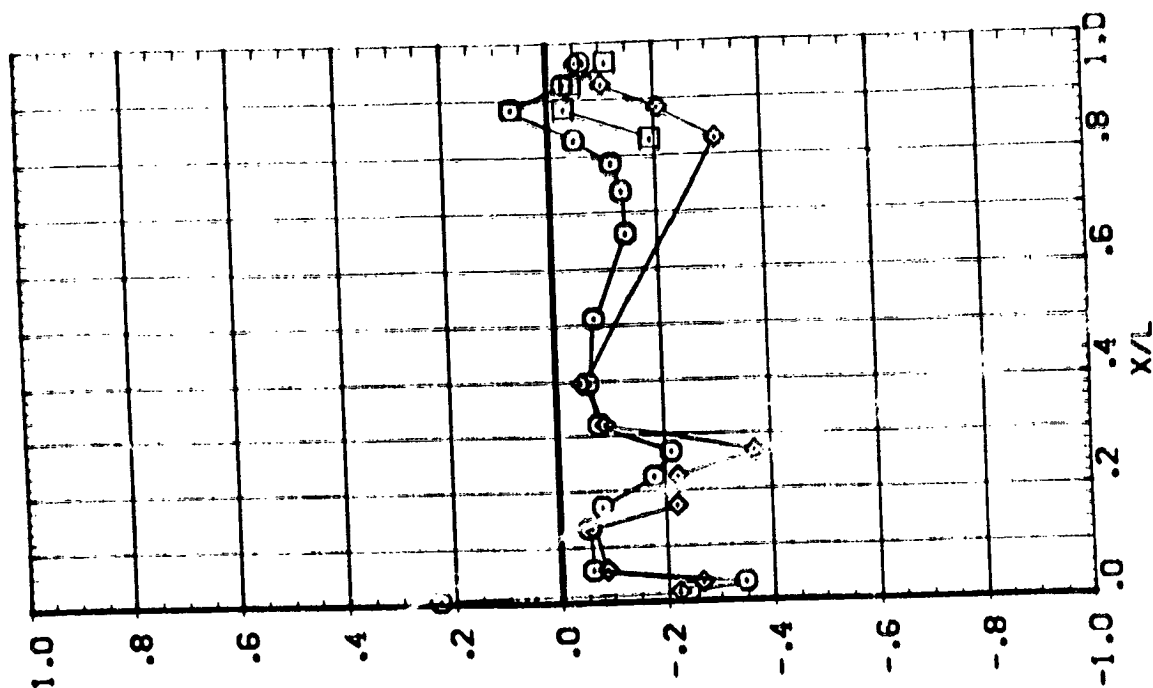
5:00507V2F:187E:8\SR5G: LEFT FUSELAGE

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RDFLR 40.000 FLAP -18.000

SYMBOL  
90.000  
105.000  
120.000

ALPHA  
7.000  
4.000

BETA  
5.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = -20 DEG, RUDDER = 0  
PAGE 174



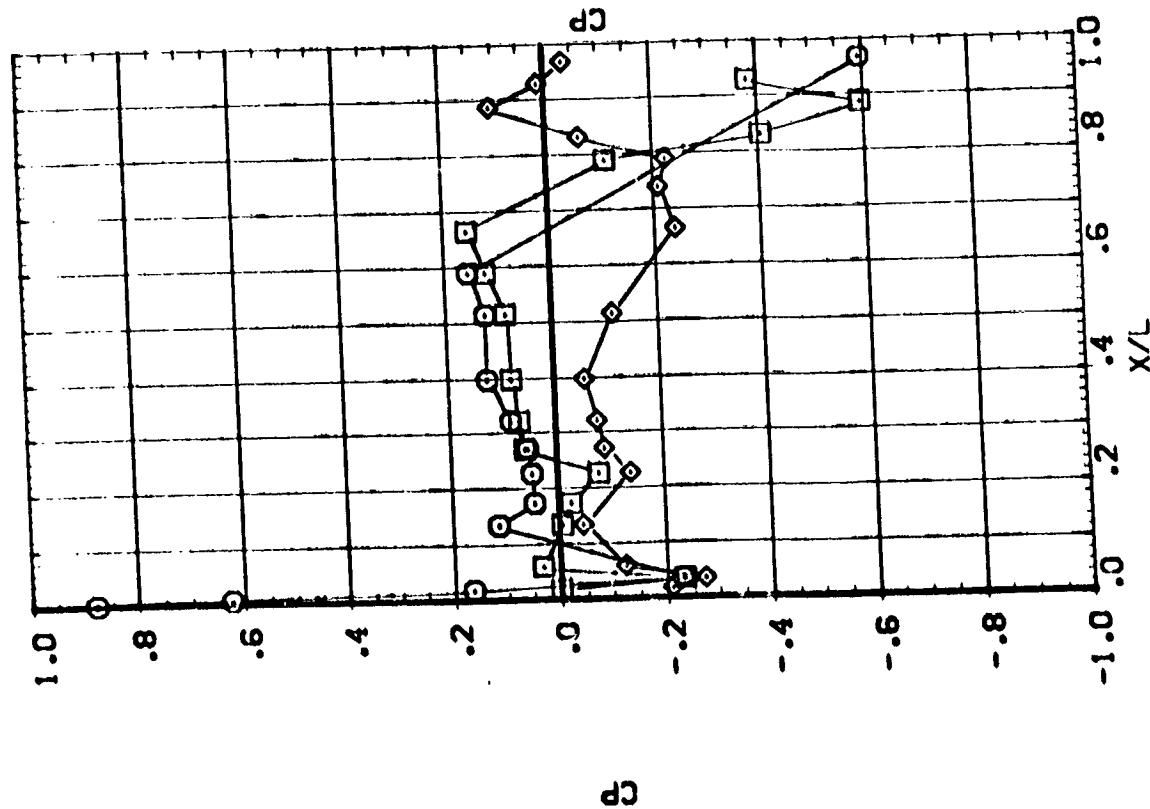
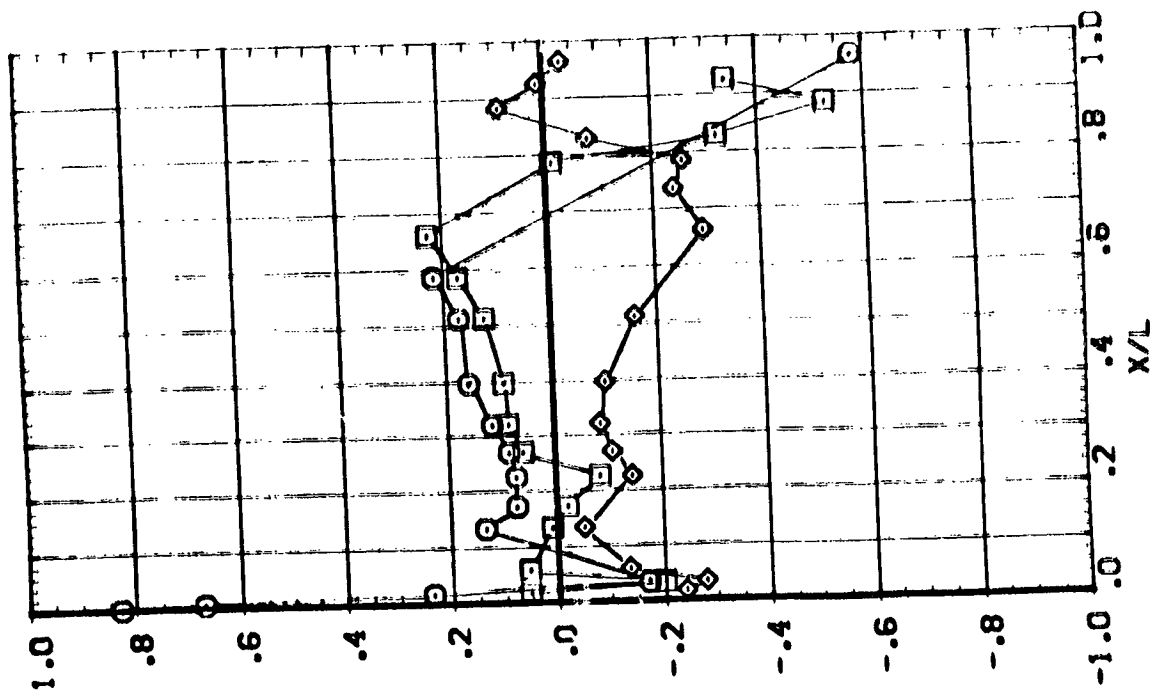
3:005072F148E18VSR5G: LEFT FUSELAGE

SYMBOL  
O □ ◇

ALPHA 6.070  
BETA 5.070  
PR: .000  
40.000  
-10.000

(RDLB04)

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUDDER 40.000 FLAP -10.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = -20 DEG. RUDDER = 0



3:00507M2F1W87E18VSR5G1 LEFT FUSELAGE

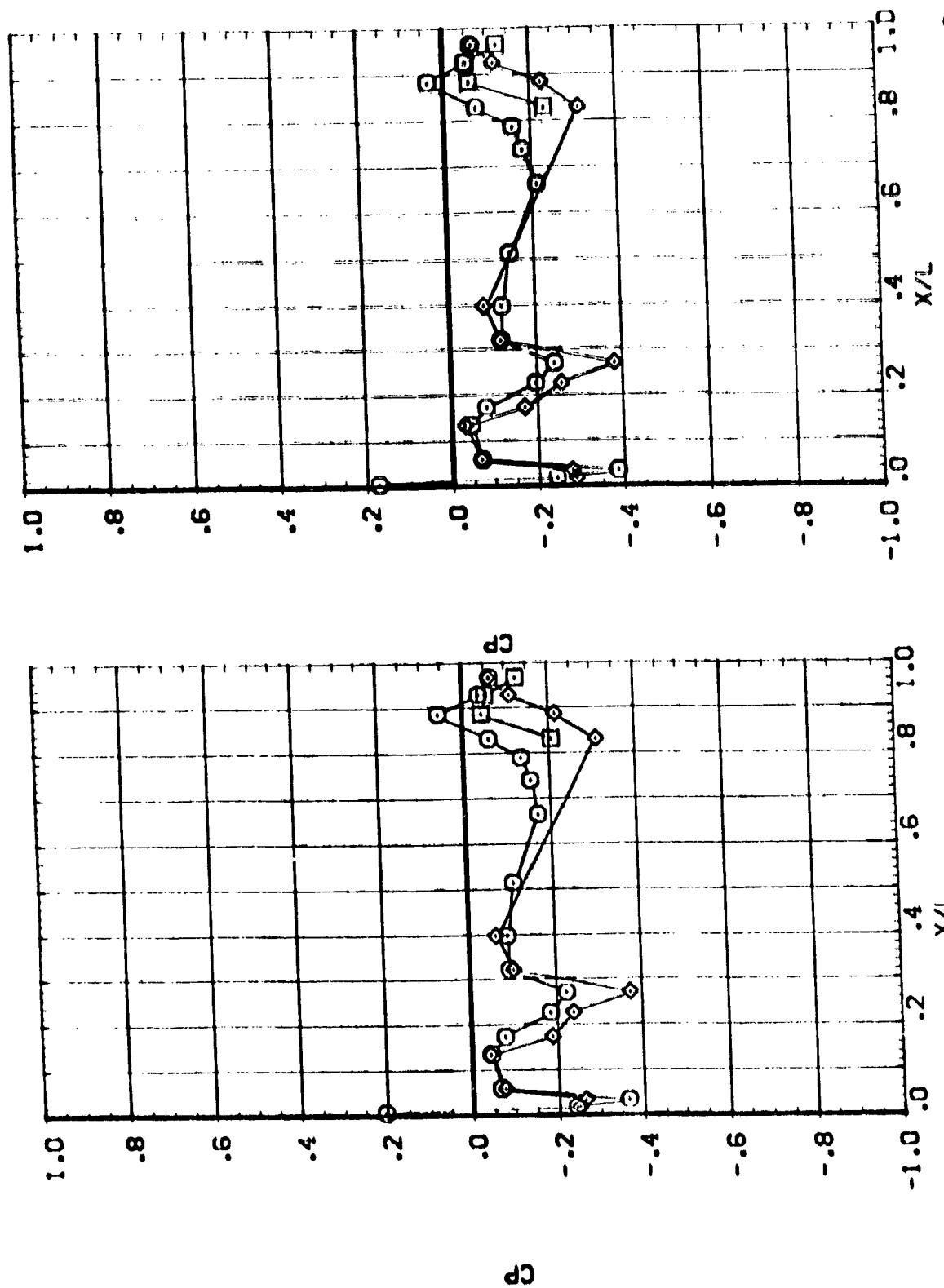
(R01304)

SYGZ  
 80.000  
 125.000  
 170.000

ALPHA  
 6.070  
 8.100

BETA  
 5.020

DRIVE PLOTTING  
 ELEVTR -20.00 RUDDER .000  
 RUDLER 40.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0  
 PAGE 176

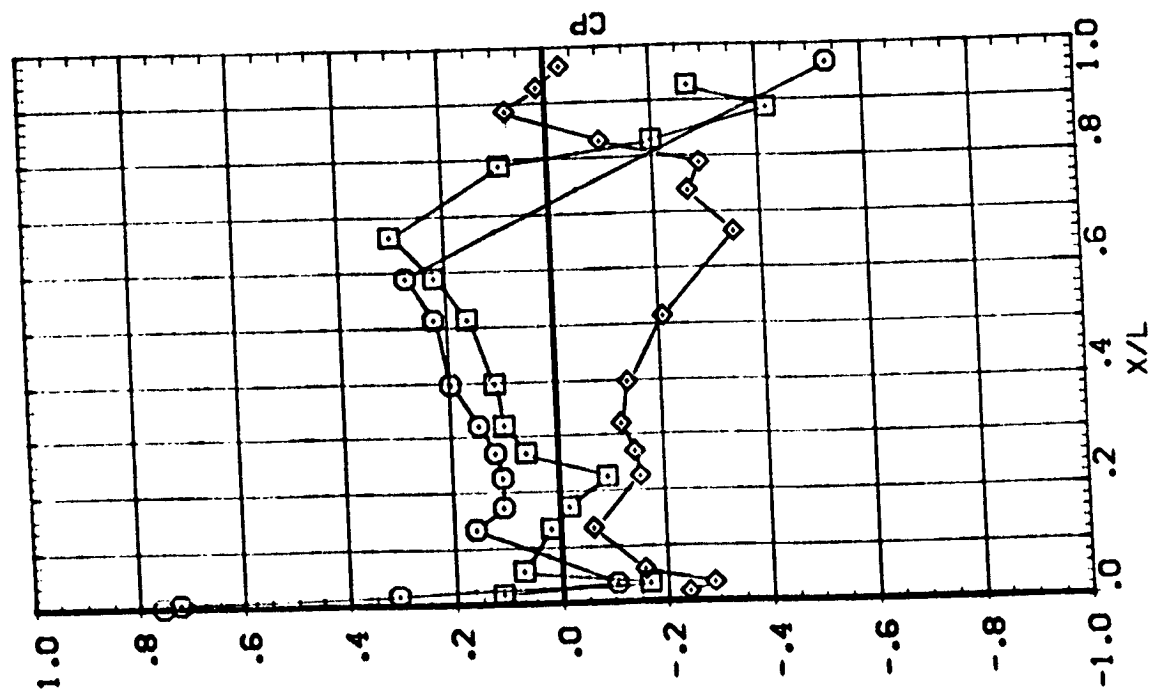
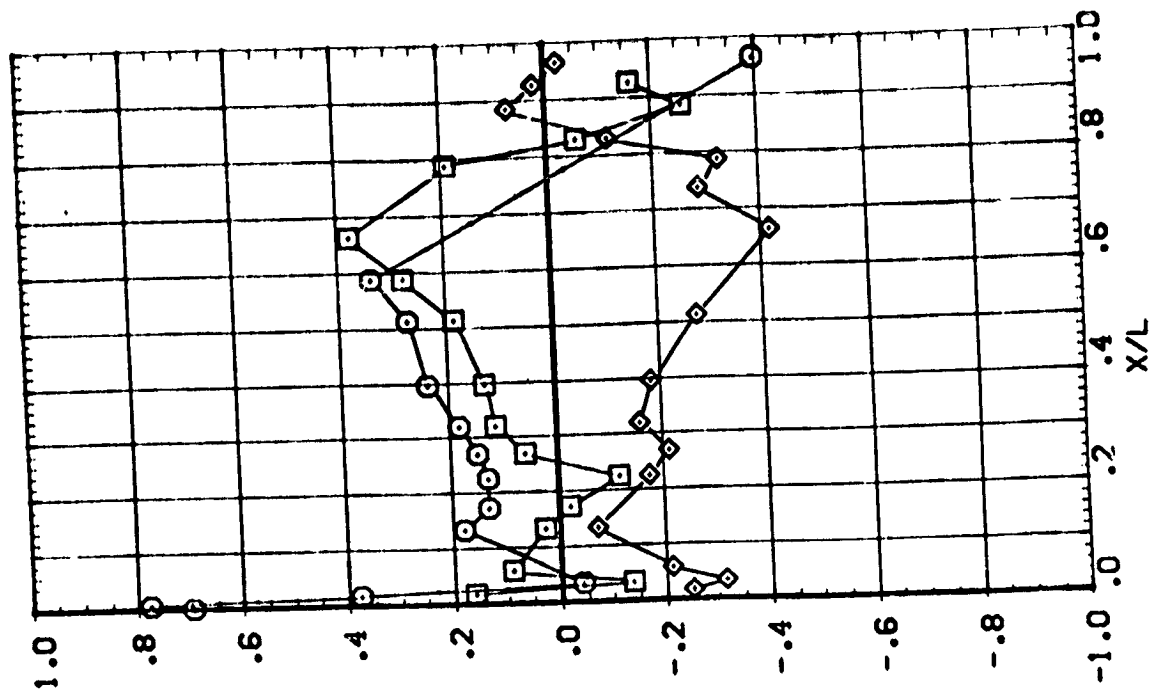


3100507M2F:W87E18V5R5G1 LEFT FUSELAGE

(RDLB04)

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000

SYMBOL  
A, P, A BETA  
10.160 5.000  
40.000 12.180  
70.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0

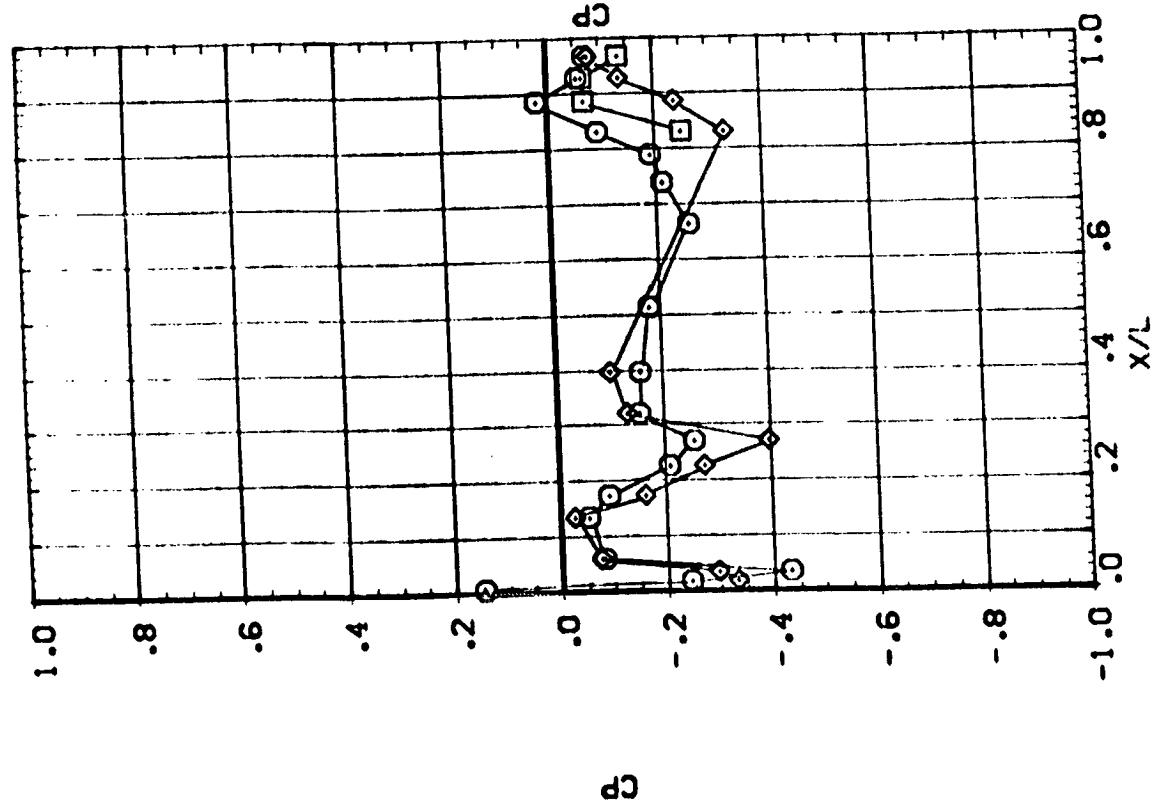
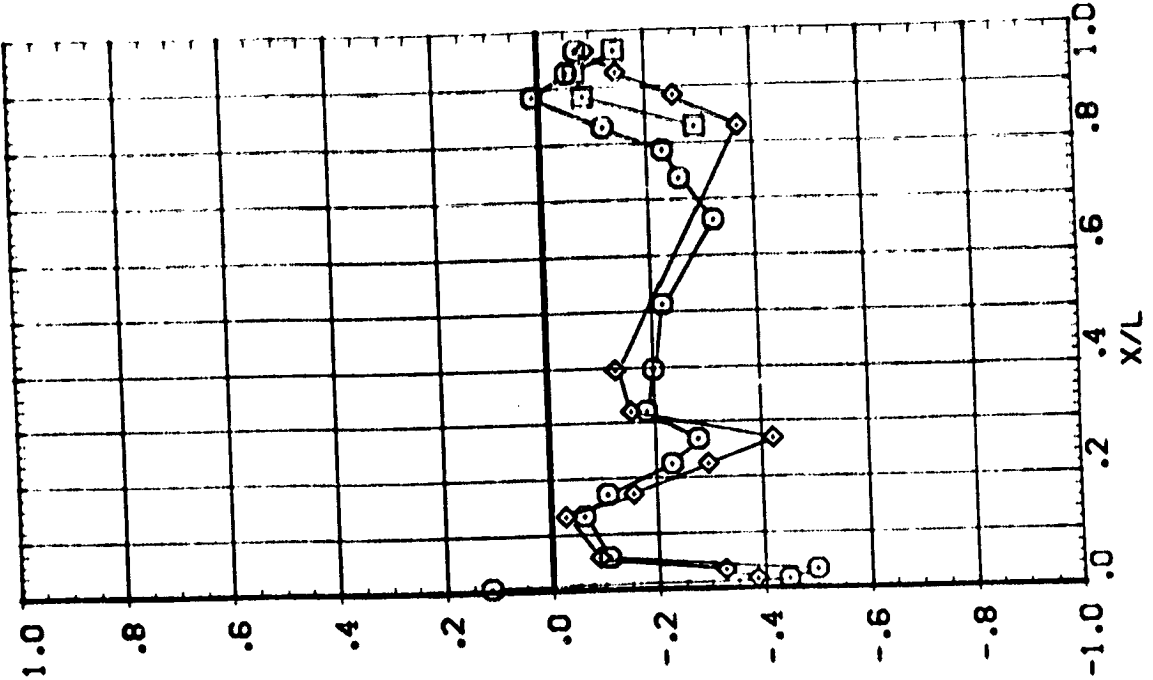


3:00507M2F:W87E:8VSR5G: LEFT FUSELAGE

(RDLB04)

SYMBOL:   
 PH1 90.000   
 105.000   
 120.000   
 ALPHA 12.18C   
 BETA 5.00C

PARAMETRIC VALUES   
 ELEVTR -20.00C RUDDER .00C   
 RUDFLR 40.00C FLAP -18.00C



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0   
 PAGE 178

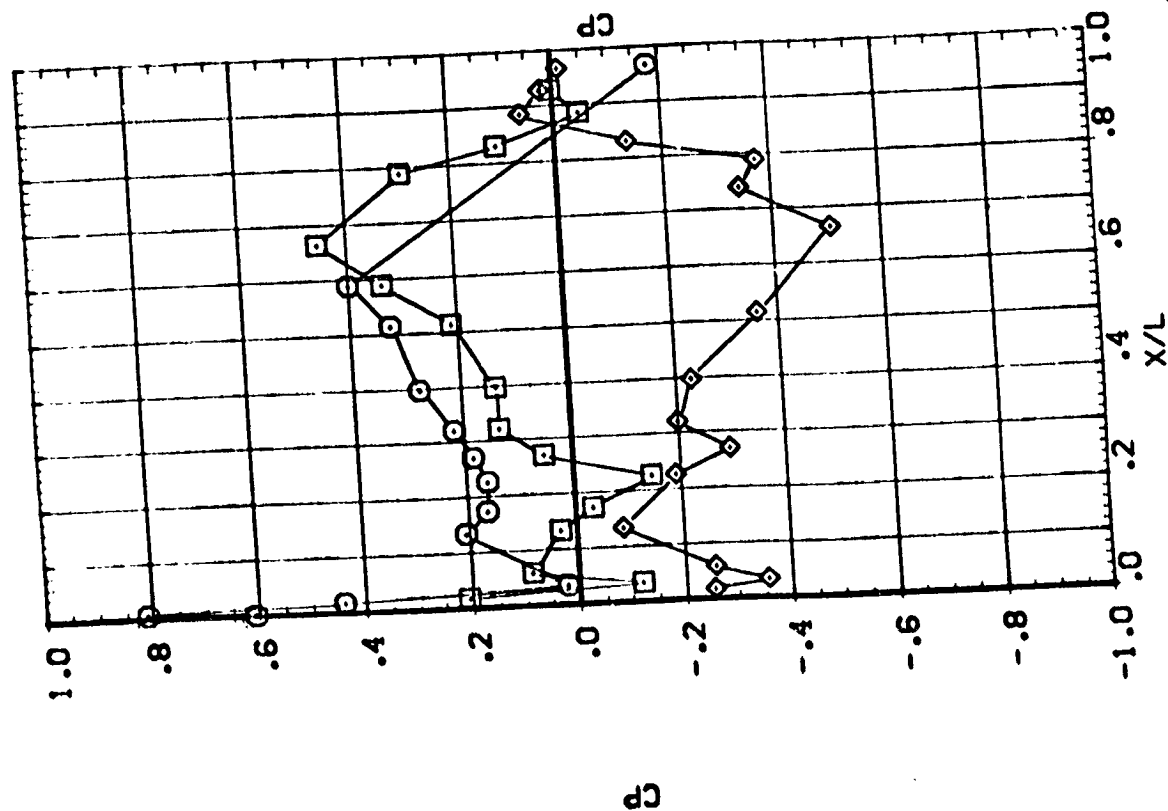
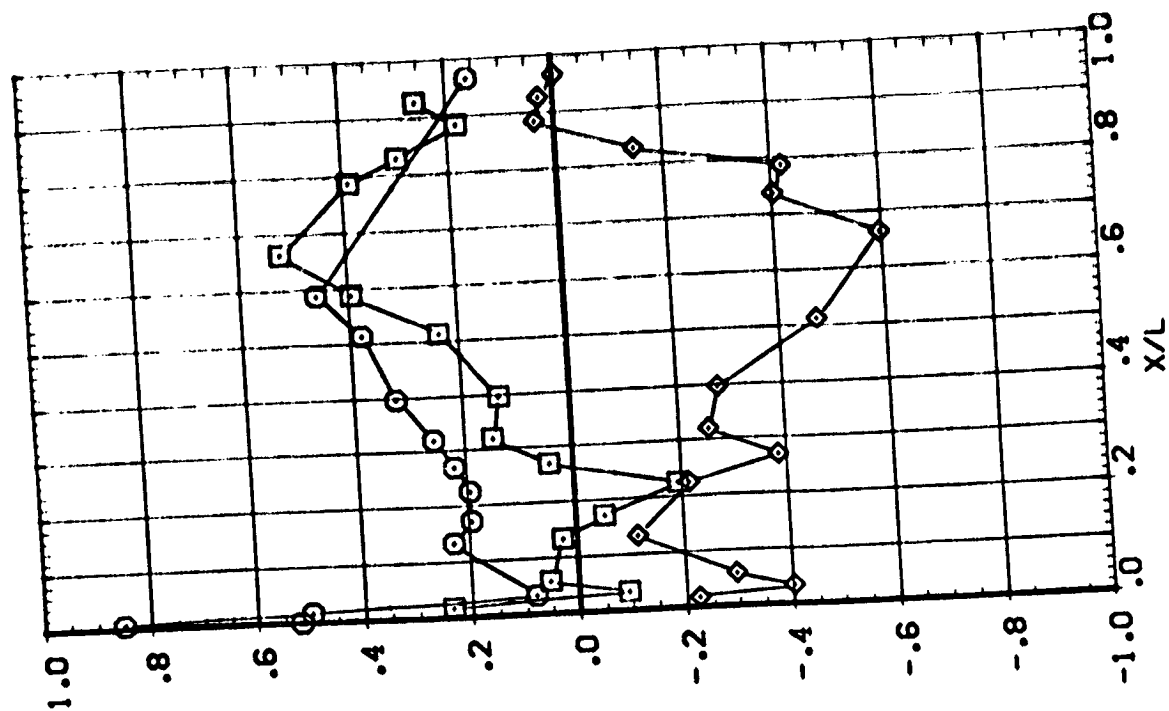


(RDLB04)

3:CC507M2F:W87E:8V5R5G: LEFT FUSELAGE

PARAMETRIC VALUES  
ELEVTR 40.000 RUDDER .000  
RUDFLR 70.000 FLAP -18.000

SYMBOLS  
ALPHA 5.000  
BETA 5.000  
14.220  
16.750



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0

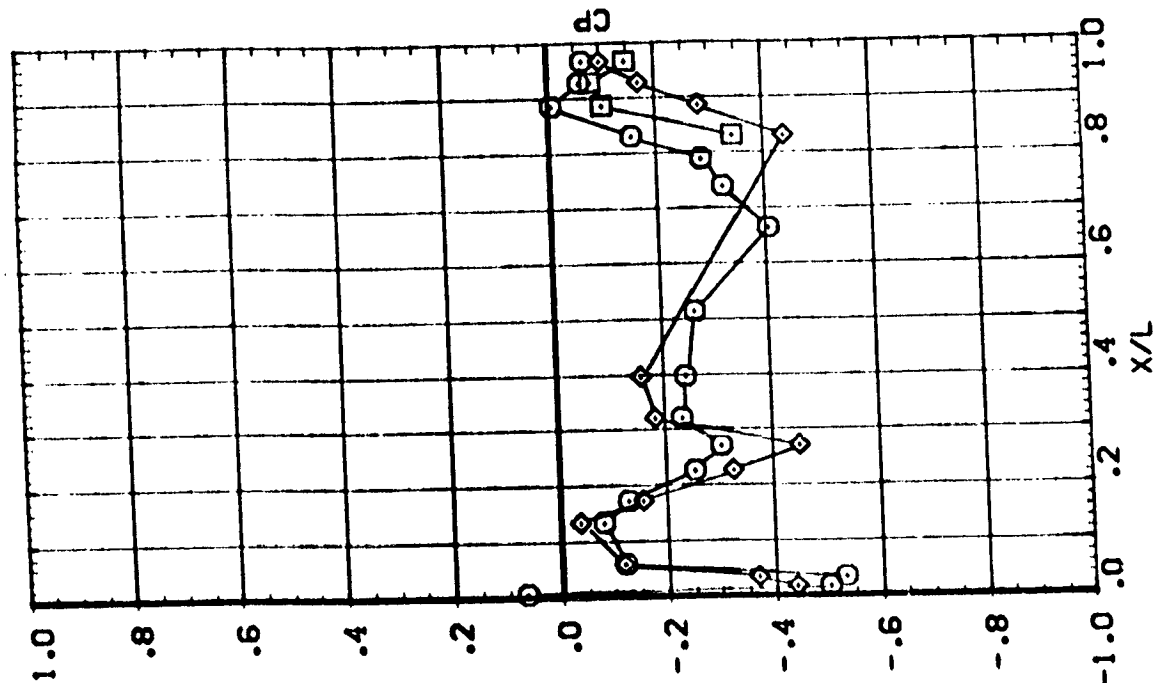
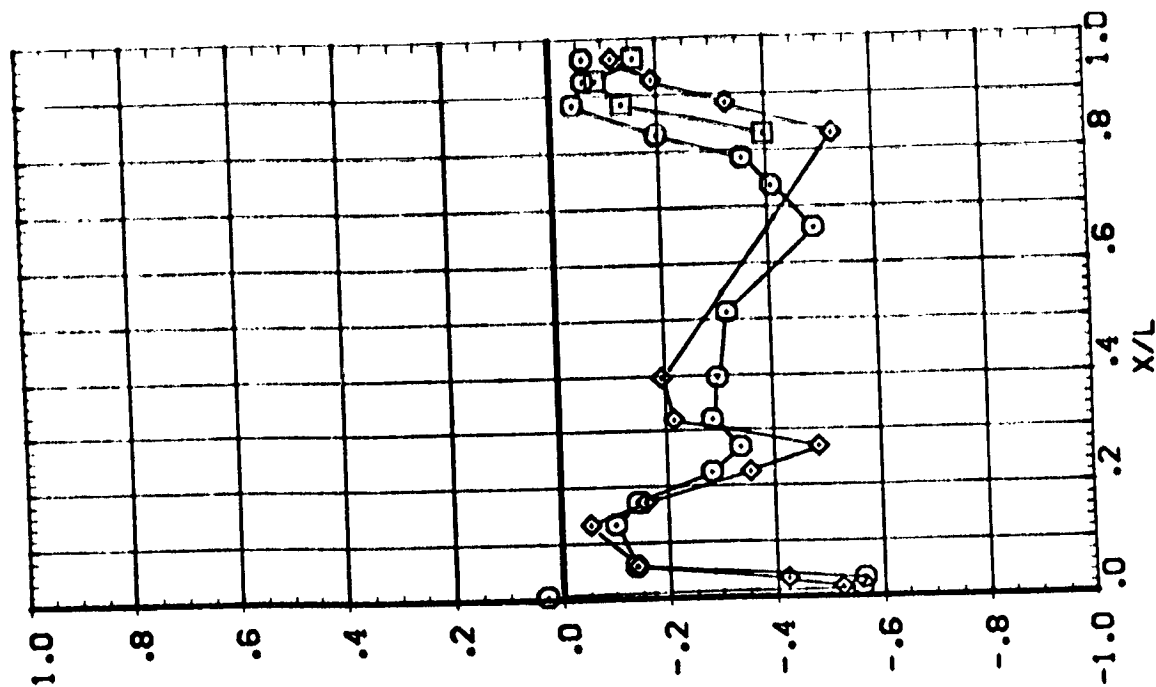
(RDLB04)

B:00507M2F:W87E:8VSR53: LEFT FUSELAGE

SYMBOL  
○ □ ◇

ALPHA BETA  
90.000 14.270 5.010  
105.000 16.250  
120.000

PARAMETRIC VALUES  
ELEVTR 42.000 RUDER .000  
RUDFLR 42.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDER = 0

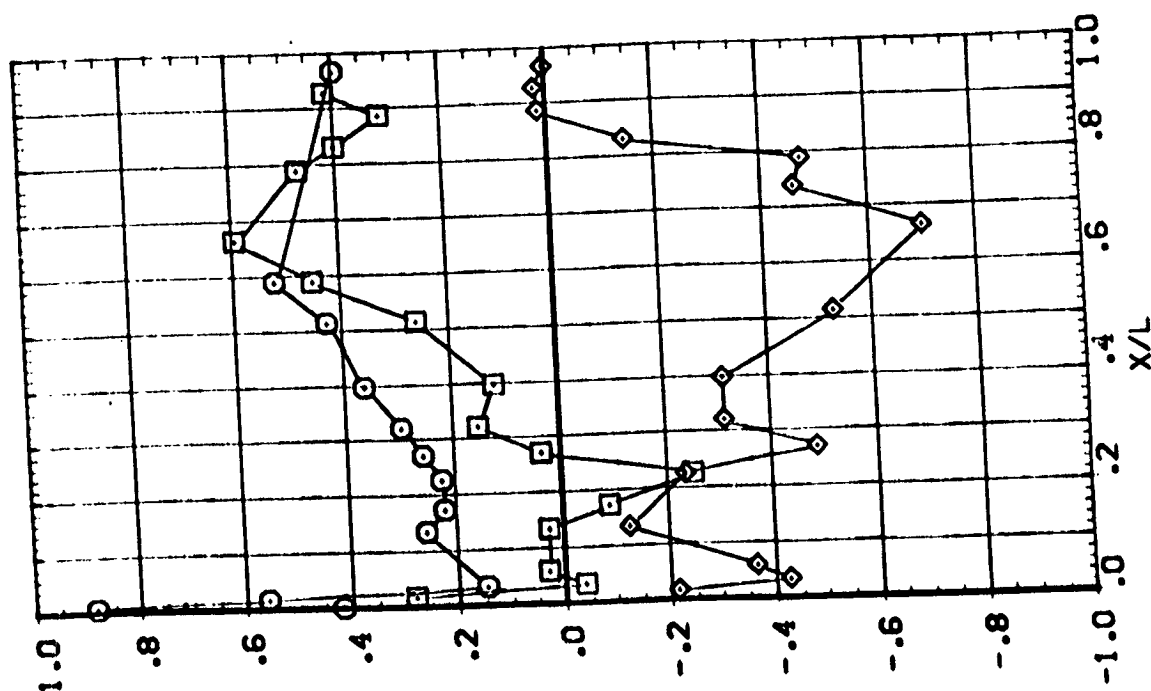


(RDLB04)

B:CC537V2F:W87E:8VSR5G: LEFT FUSELAGE

PARAMETRIC VALUES  
 ELEVTR -20.000 RDOOR .000  
 RDOFLR 40.000 FLAP -18.000

SYMBOL  
 ○ □ ◇  
 P4: .000  
 ALPHA 18.280  
 BETA 5.000



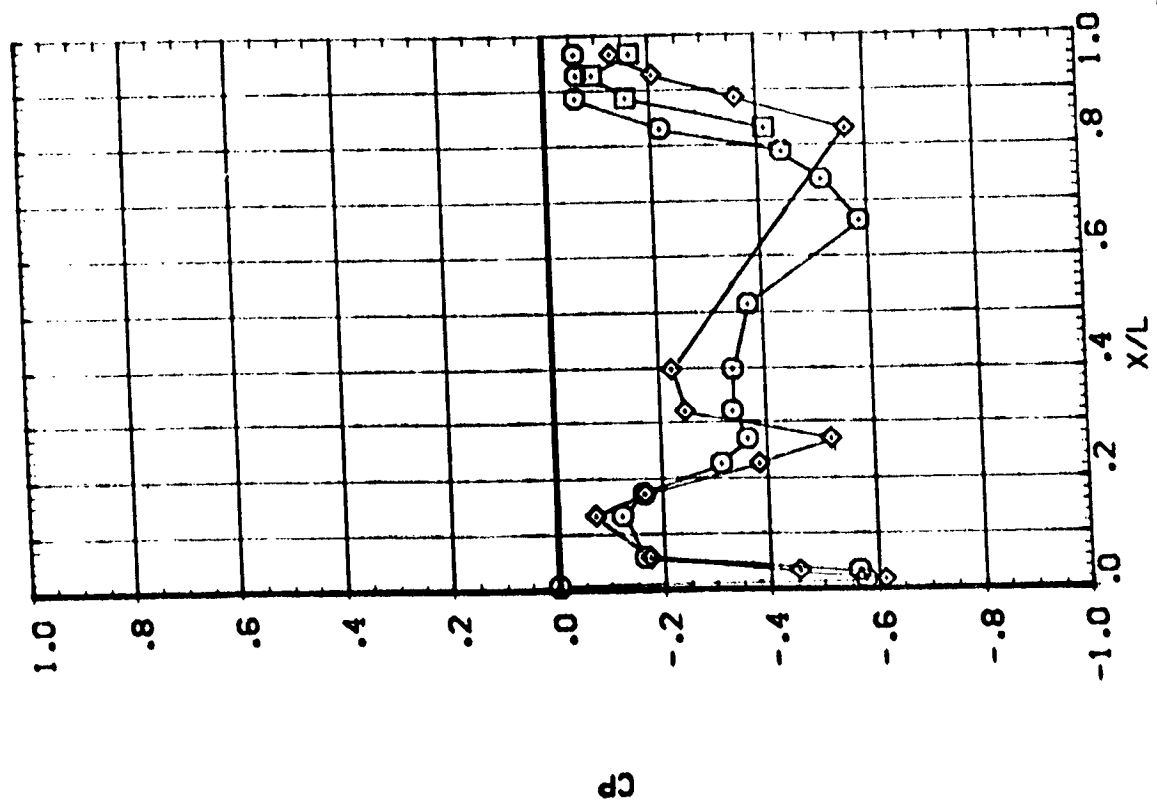
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RDOOR = 0, RDOFLR = 40, FLAP = -18

(RDLB034)

3:00507N2F:M87E18VSR5G: LEFT FUSELAGE

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RJDFLR 40.000 FLAP -18.000

SYMBOL  
90.000  
125.000  
120.000  
ALPHA 18.28C BETA 5.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0  
PAGE 182

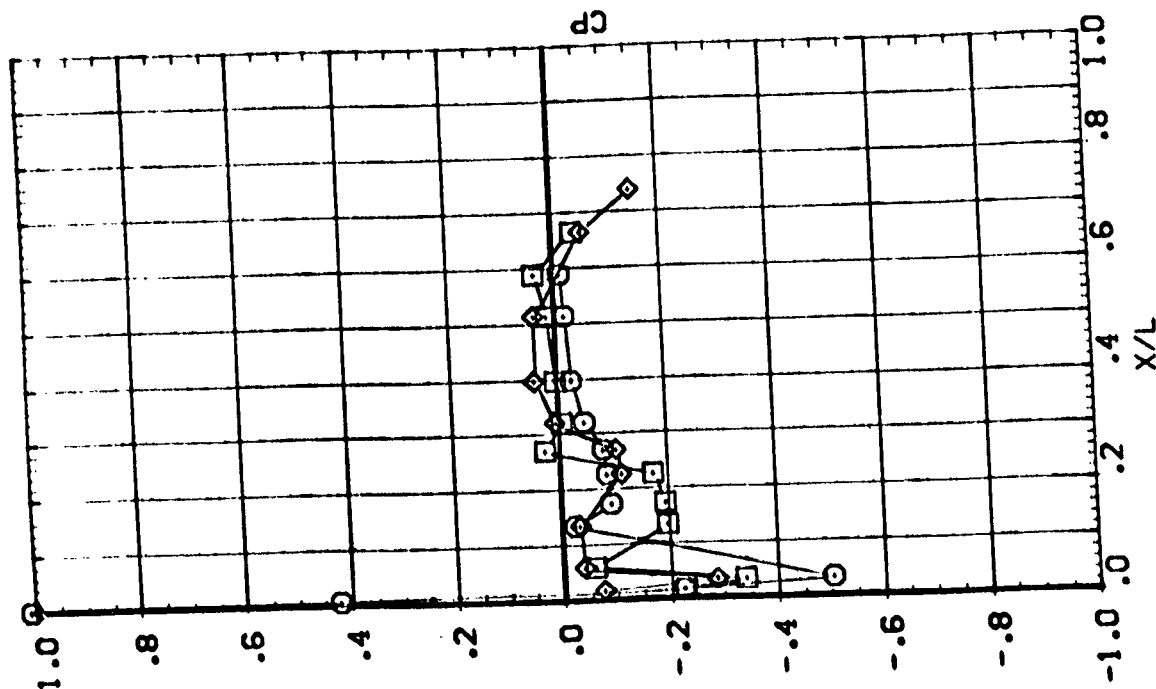
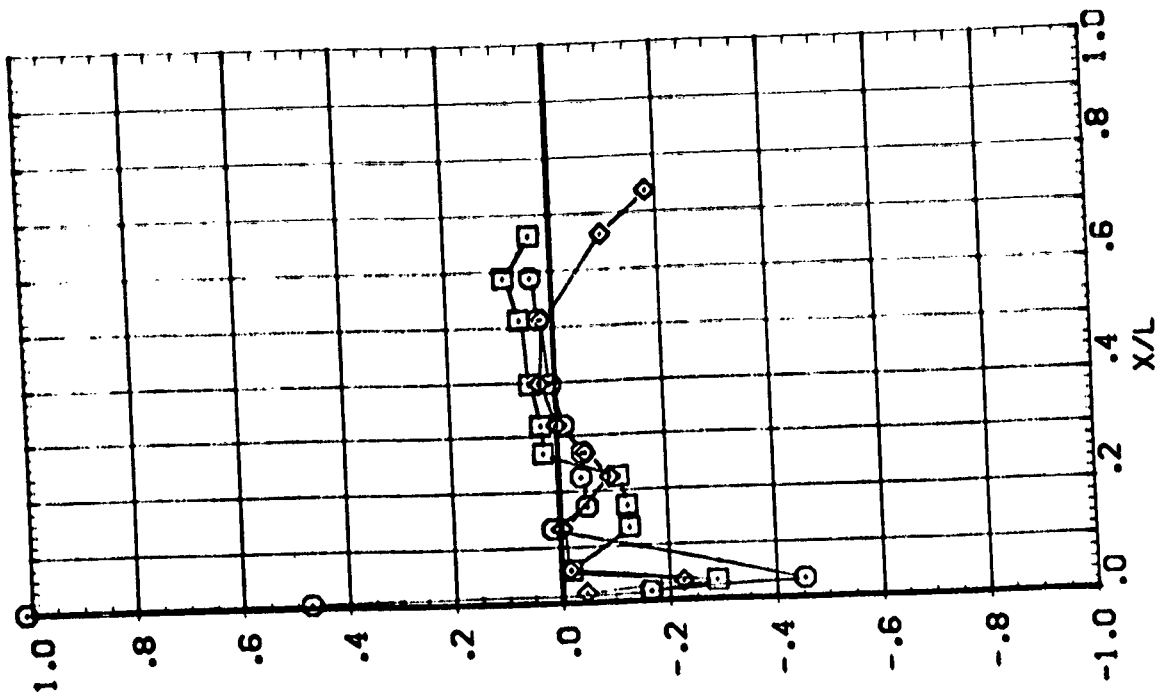


3:00507M2F1W87E18VSR5G: LEFT FUSELAGE

(RDLB05)

PARAMETRIC VALUES  
ELEVTR 40.000 RUDDER -15.000  
RUOFLR 40.000 FLAP -18.000

SYMBOL: ALPHA BETA  
-1.000 -3.000 .000  
40.000 -1.000  
70.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = 0, RUDDER = -15 DEG.  
PAGE 183

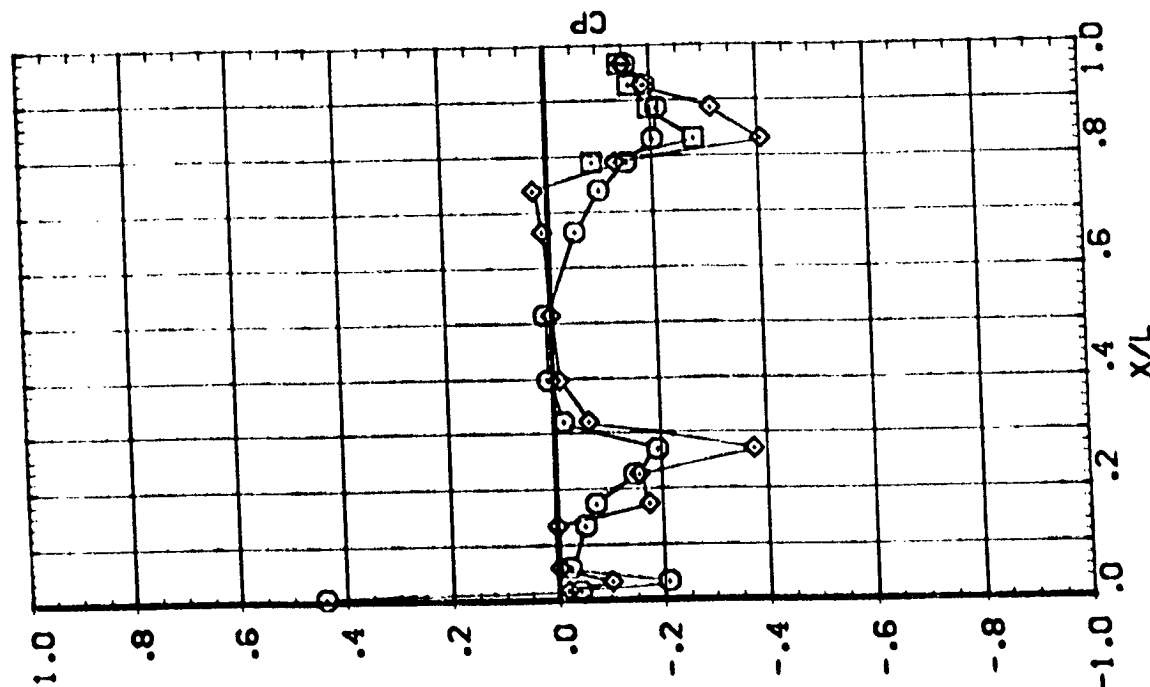
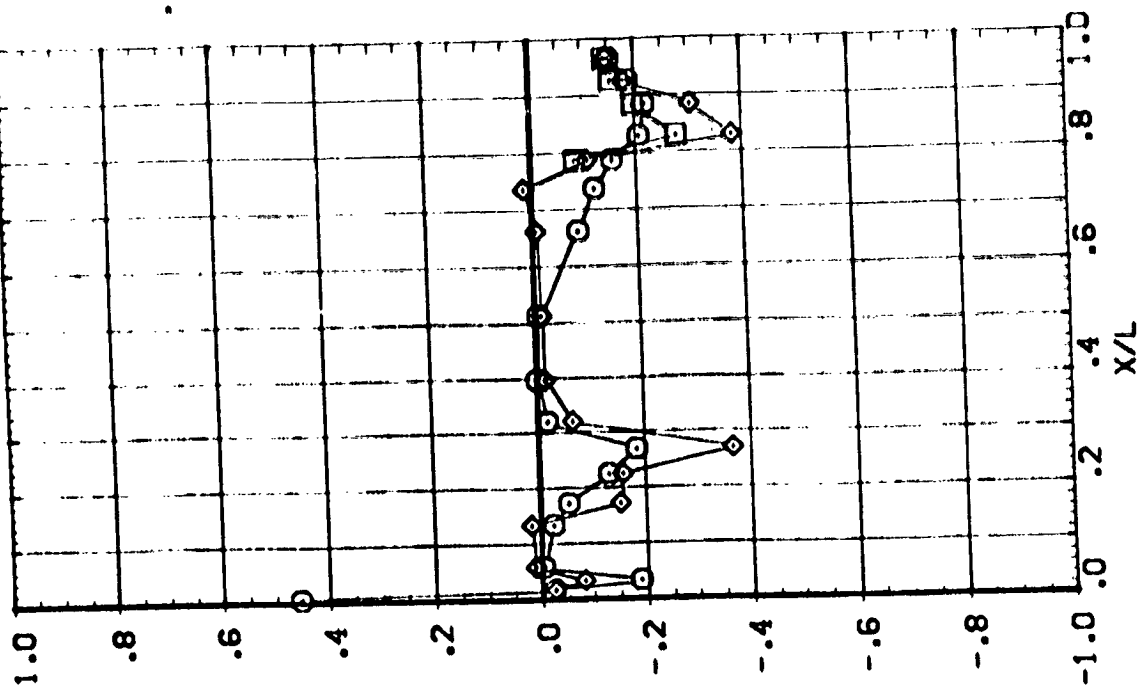


3:005072E:187E:8V5R5G: LEFT FUSELAGE

(KULB33)

SWGC  
 90.000  
 105.000  
 120.000  
 A. PUA  
 -3.040  
 -1.000  
 BE'A  
 .000

PARAMETRIC VALUES  
 ELEVTR  
 RUOFLR  
 .000  
 40.000  
 RUOER  
 FAP  
 -15.000  
 -10.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = 0, RUOER = -15 DEG.

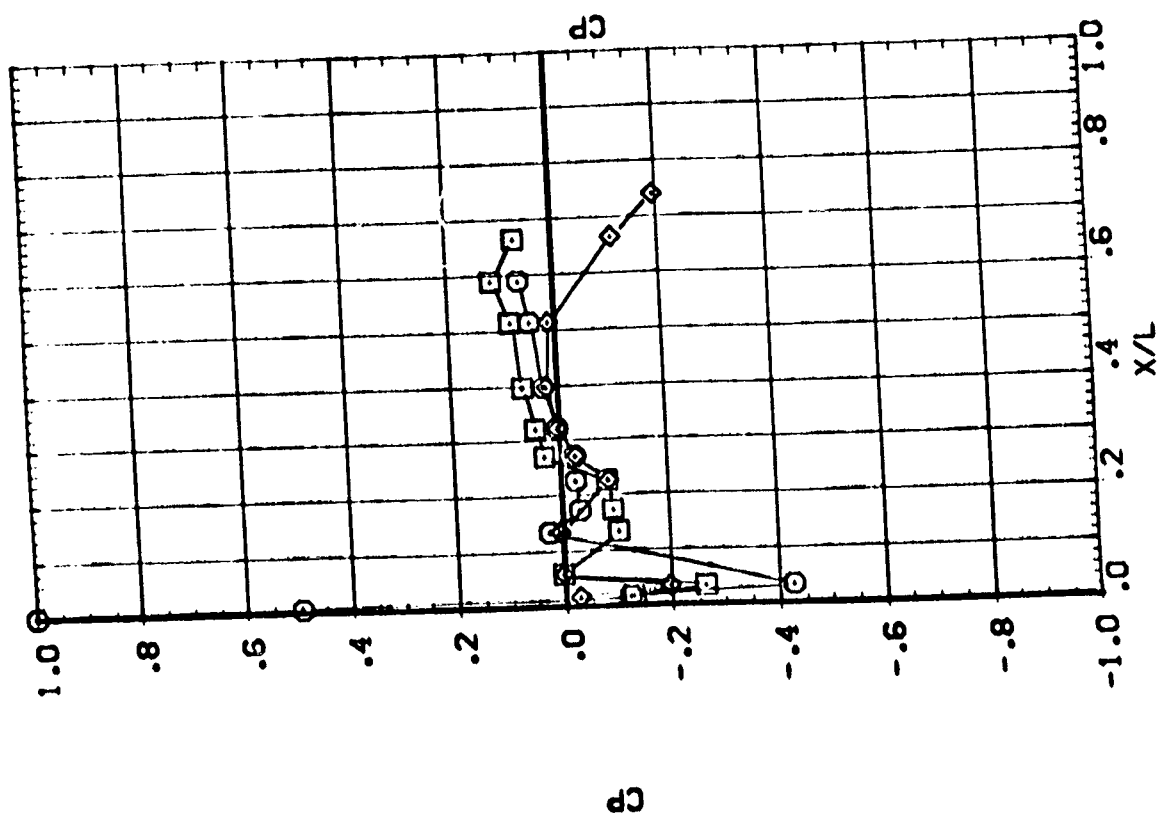
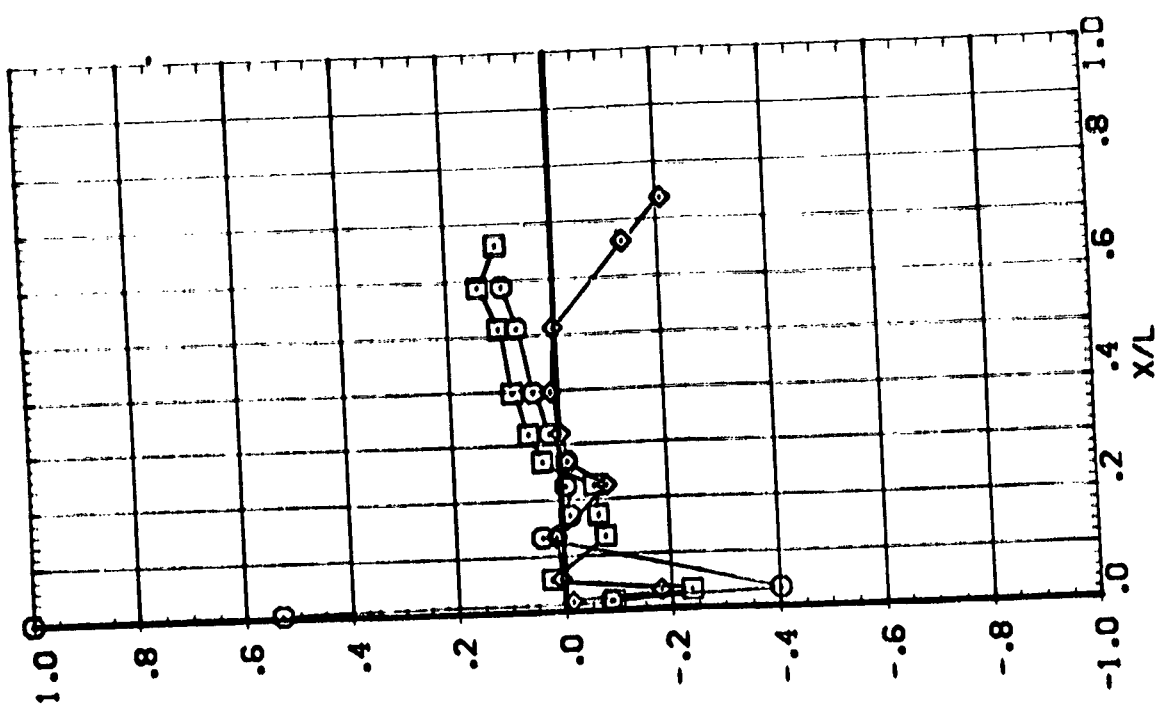


B:00507V2F:W87E18VSR55: LEFT FUSELAGE

(RDLB05)

PARAMETRIC VALUES  
ELEVTR 40.000 RDLR -15.000  
RDLR 40.000 FLAP -18.000

SYMBOL  
○ □ ◇  
ALPHA BETA  
.000 .010 .000  
40.000 .990  
70.000



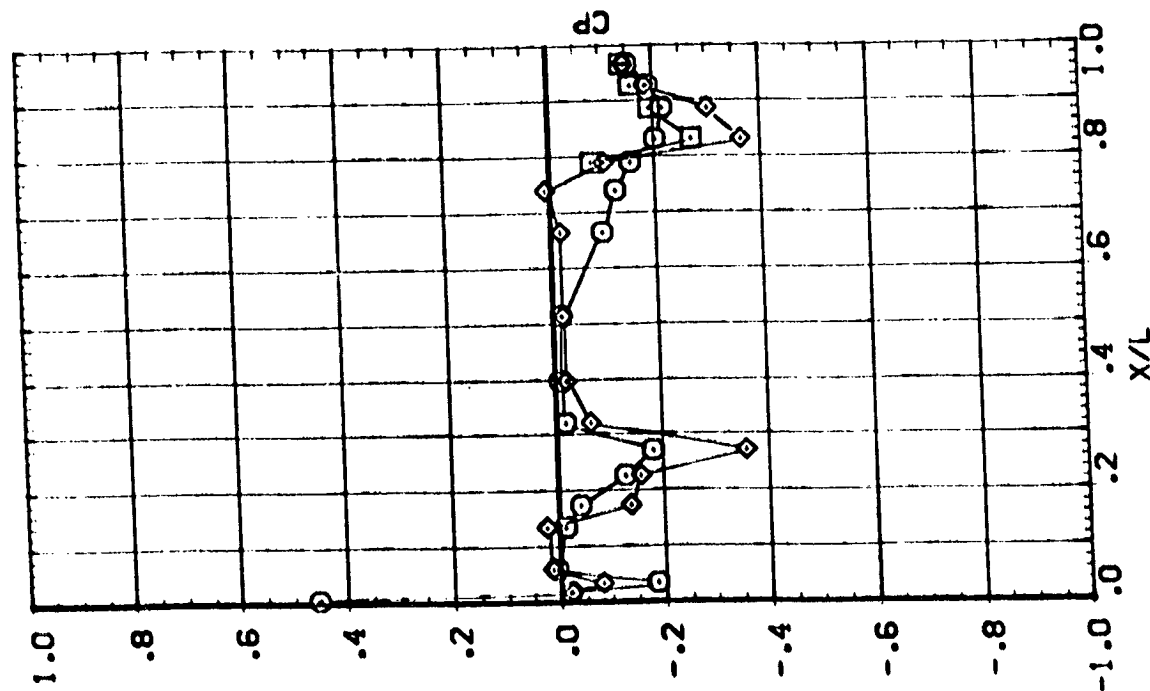
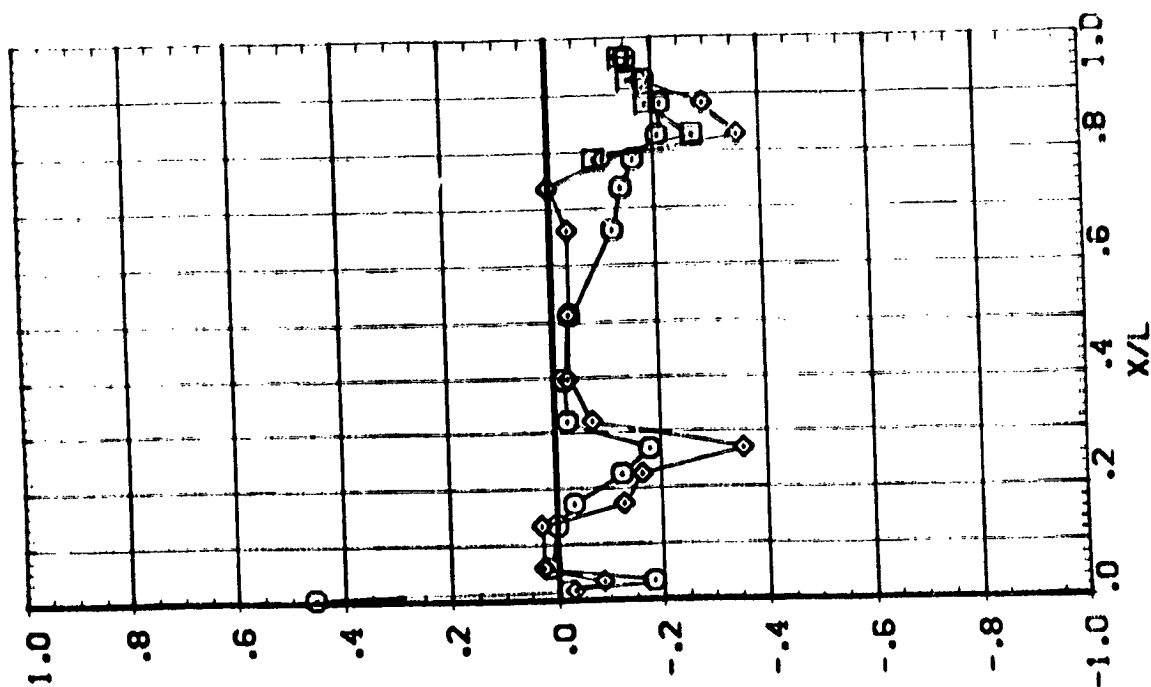
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG.

(RD-305)

B:005072F:W87E18V5R53: LEFT FUSELAGE

SYNCC  
 90.000  
 125.000  
 170.000  
 ALPHA  
 0.00  
 0.00  
 0.00  
 BETA  
 0.00

PARAMETRIC VALUES  
 ELEVTR 0.00  
 RUDDER 40.00  
 FLAP 0.00  
 -15.00  
 -18.00



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG.  
 PAGE 185

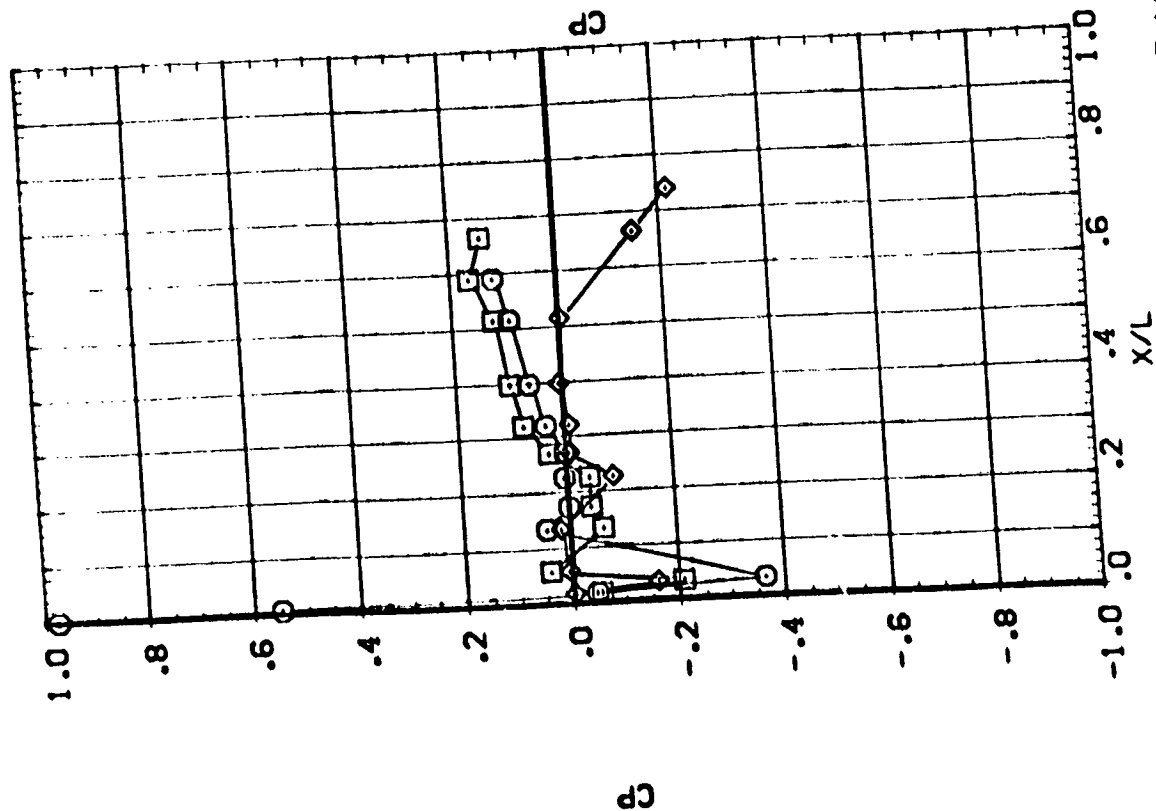
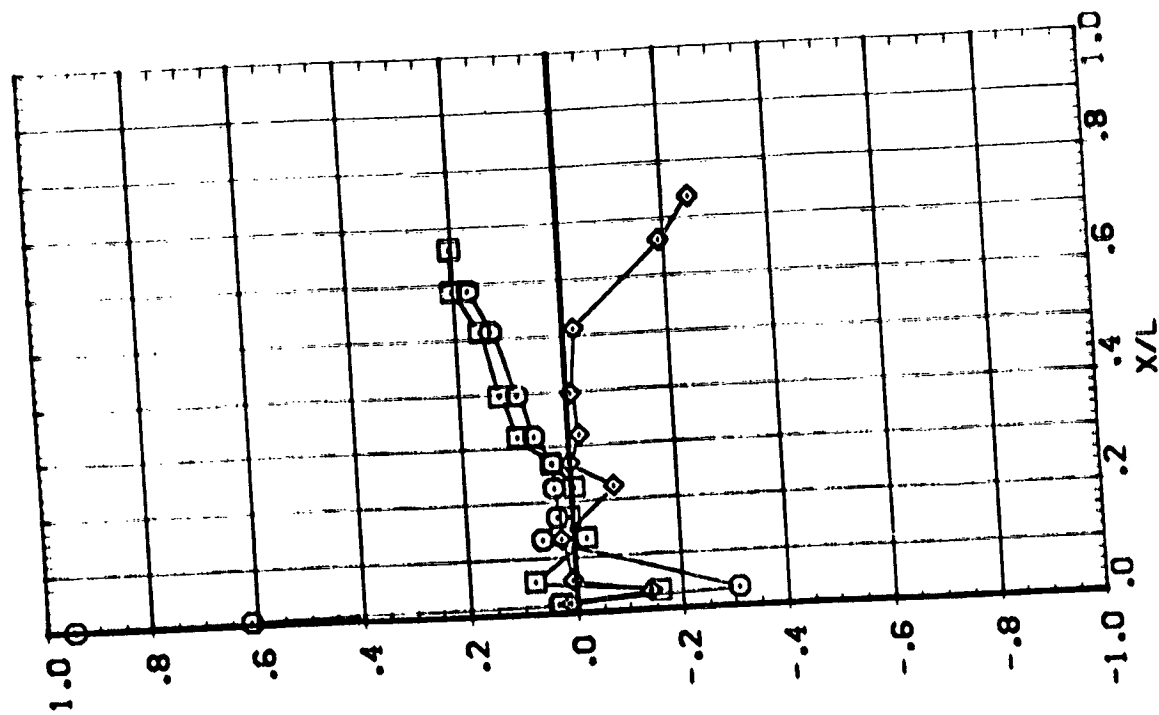


B:00507M2F:W87E:8VSR53: LEFT FUSELAGE

SYMBOL:  $\square$   $\circ$   $\diamond$   
 ALFA: .000 2.000 4.000  
 BETA: .000 .000 .000

(RDLB05)

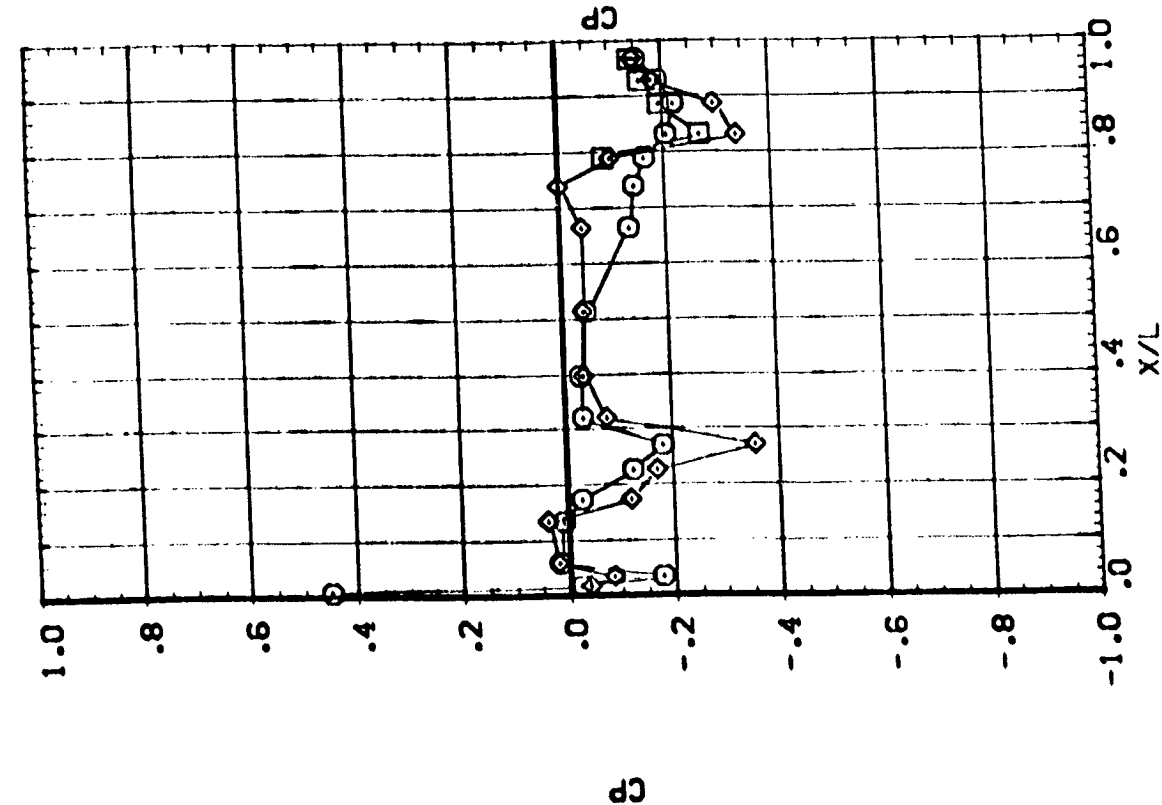
PARAMETRIC VALUES  
 ELEVTR 40.000 RUDER -15.000  
 RFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = 0. RUDER = -15 DEG.

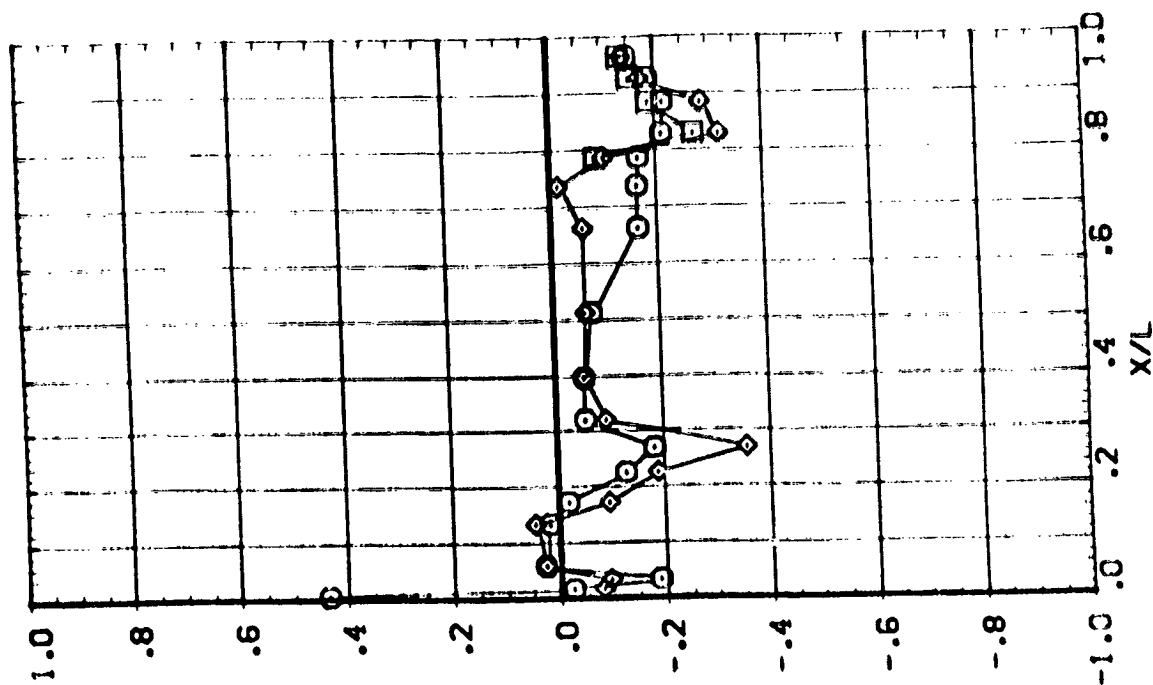
3100507M2F1W87E18VSR50: LEFT FUSELAGE

SYMBOL:  $\diamond$   
 P1: 90.000  
 105.000  
 120.000  
 A, B, A BETA  
 2.000 .000  
 4.000



(RDL805)

PARAMETRIC VALUES  
 ELEVIR 0.000 RUDDER -15.000  
 RDLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVIR = 0. RUDDER = -15 DEG.  
 PAGE : 88

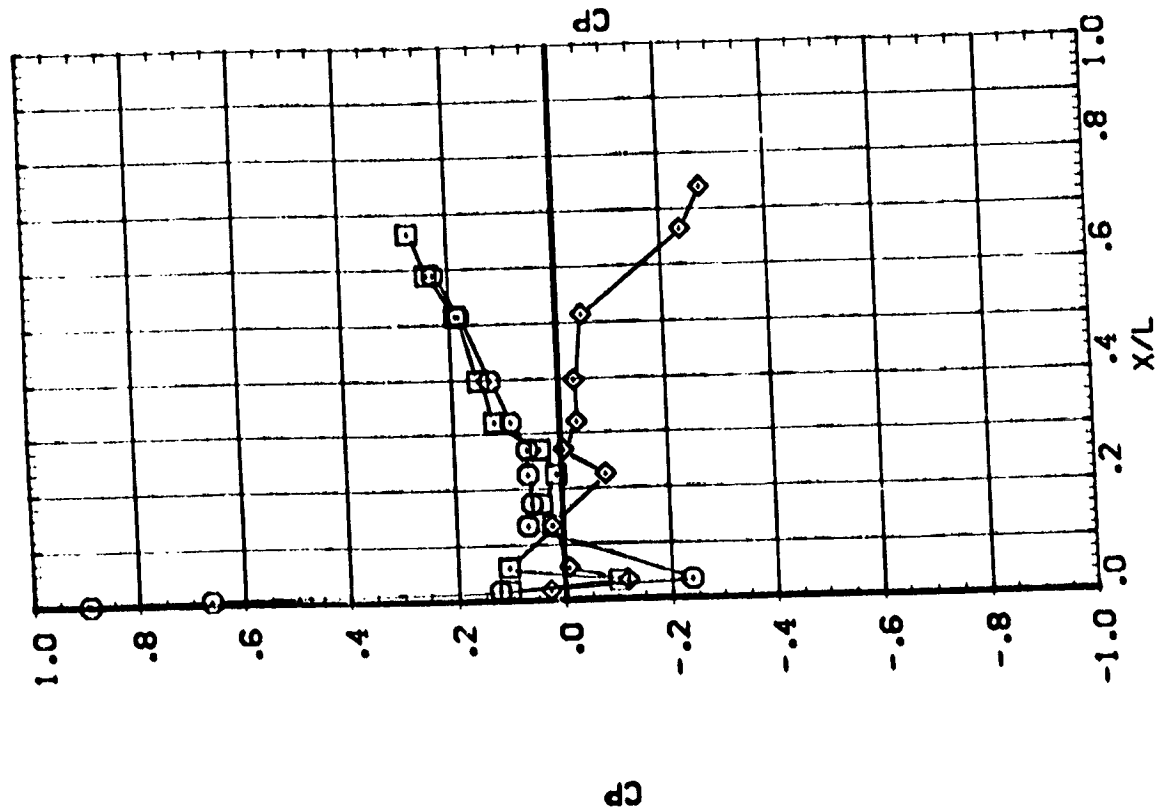
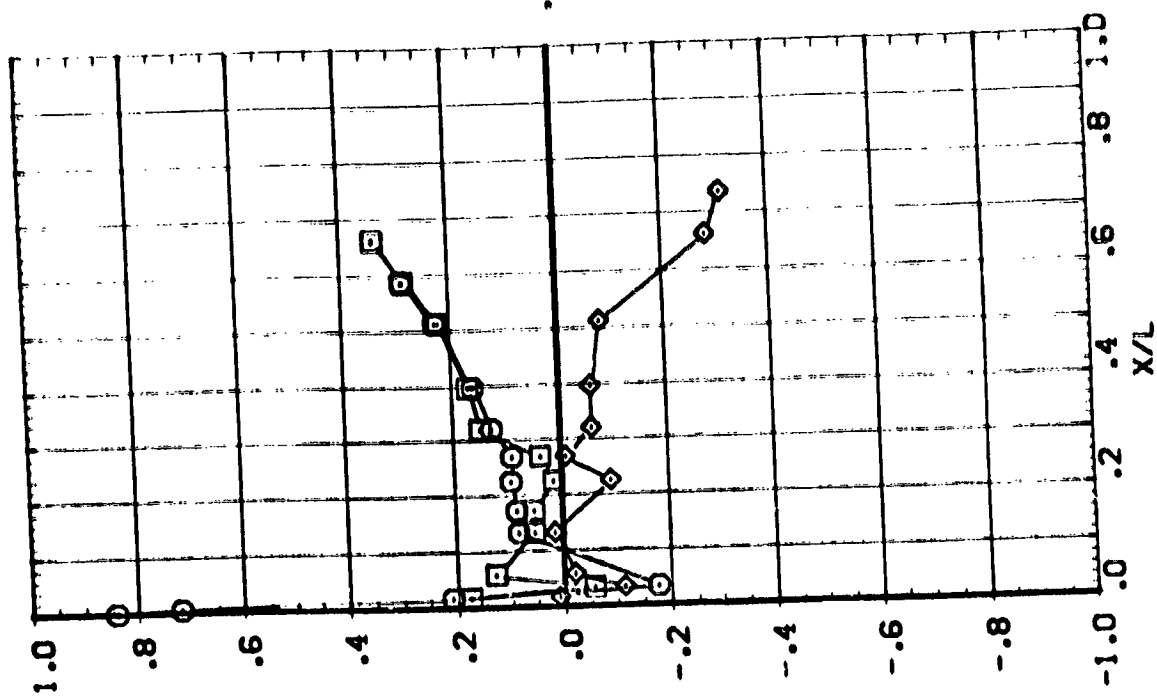


310C537M2F1W87E:8VSR5G: LEFT FUSELAGE

SYMBOL:  $\square$   $\circ$   $\diamond$   
 PDI: .000 40.000 70.000  
 ALPHA: 6.000 8.000  
 BETA: .000

(RDLB05)

PARAMETRIC VALUES  
 ELEVTR: .000 RUDDER: -15.000  
 RDLR: 40.000 FLAP: -18.000



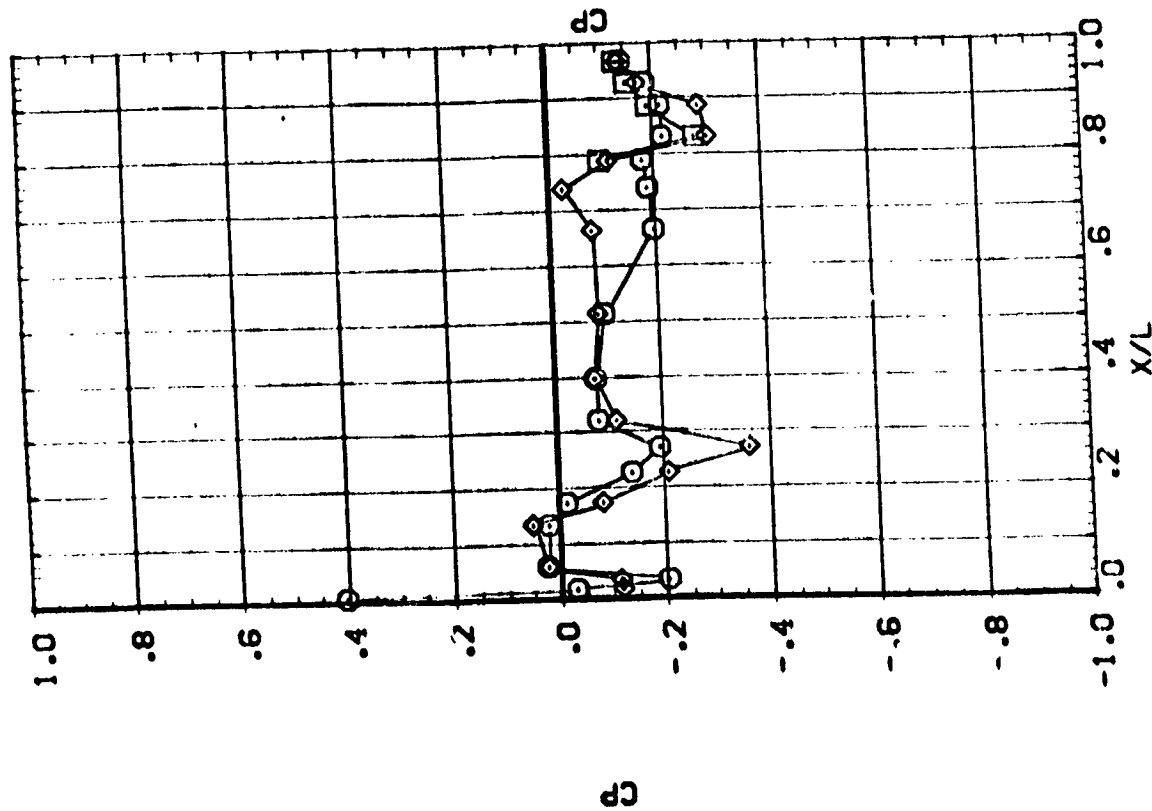
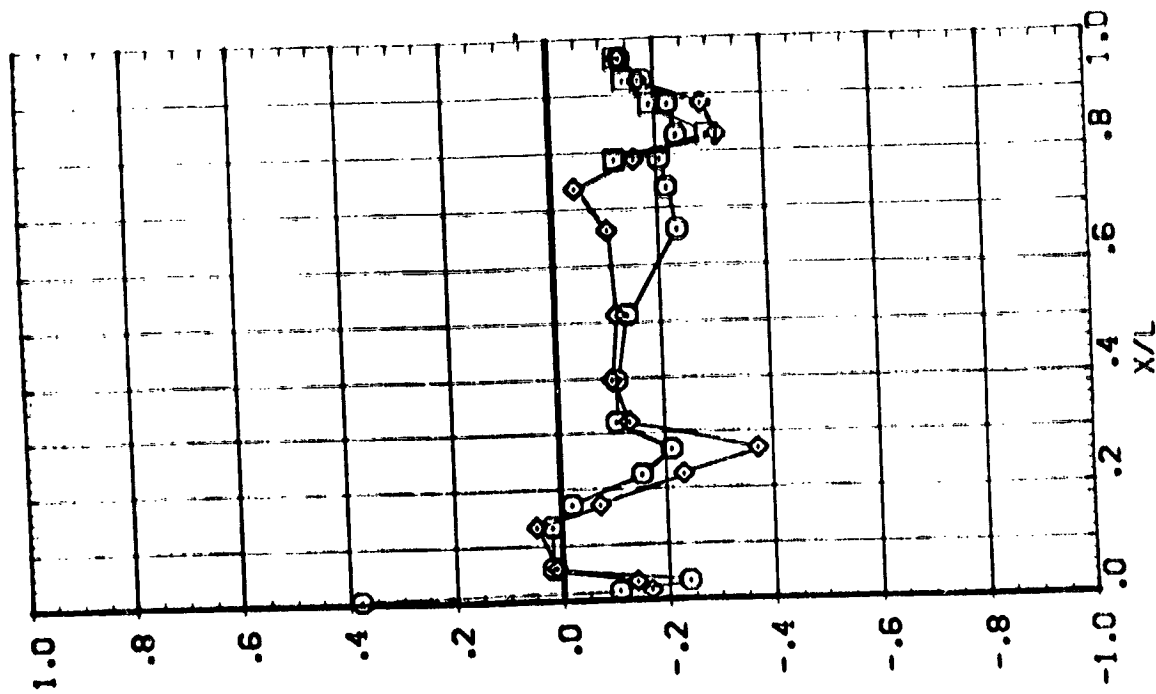
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = 0. RUDDER = -15 DEG.  
 PAGE 189

3:00507M2F:W87E:8VSR5G: LEFT FUSELAGE

(RD\_305)

SYMBOL  
 90.000  
 15.000  
 170.000  
 ALFA  
 6.080  
 8.110  
 BETA  
 .010

PARAMETRIC VALUES  
 .000  
 40.000  
 15.000  
 18.000  
 ELEVIR  
 0.000  
 0.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVIR = 0, RUDDER = -15 DEG.

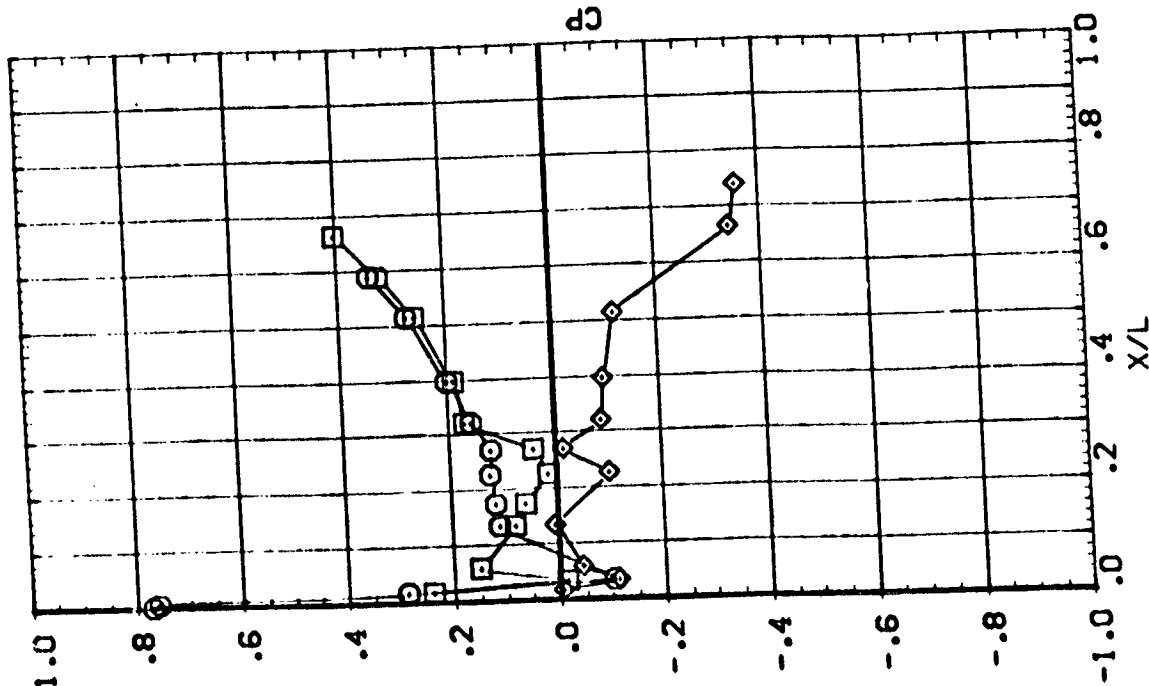
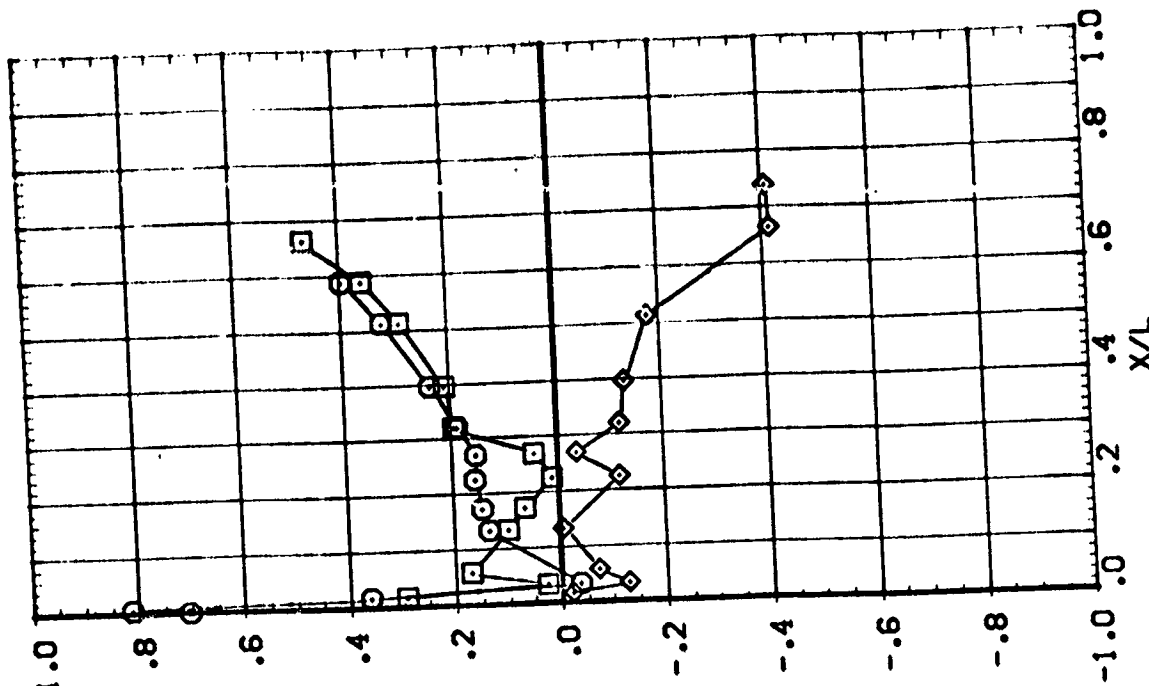


3:00507V2F:W87E:8V5R5G1 LEFT FUSELAGE

(RDLB05)

PARAMETRIC VALUES  
ELEVTR 40.000 RUDER -15.000  
RUDFLR 40.000 FLAP -18.000

Symbol: Alpha: Beta:  
0.000 10.170 .000  
40.000 12.000  
70.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG.

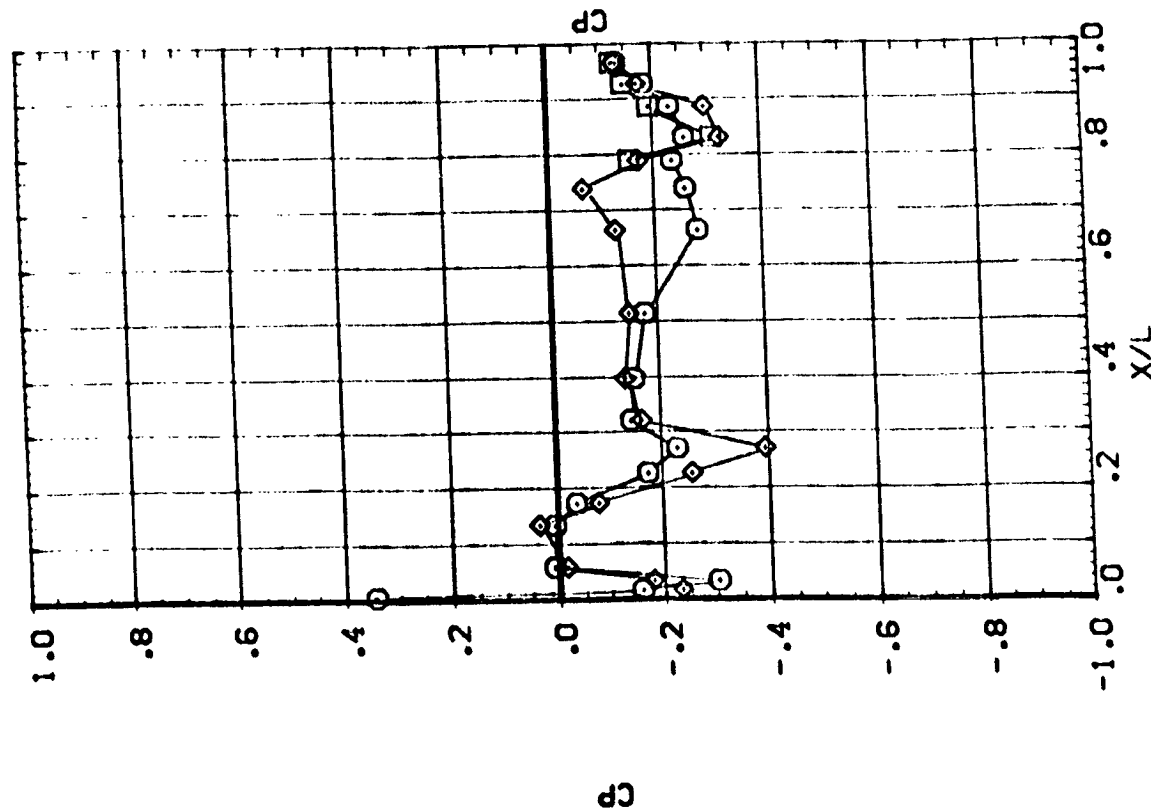
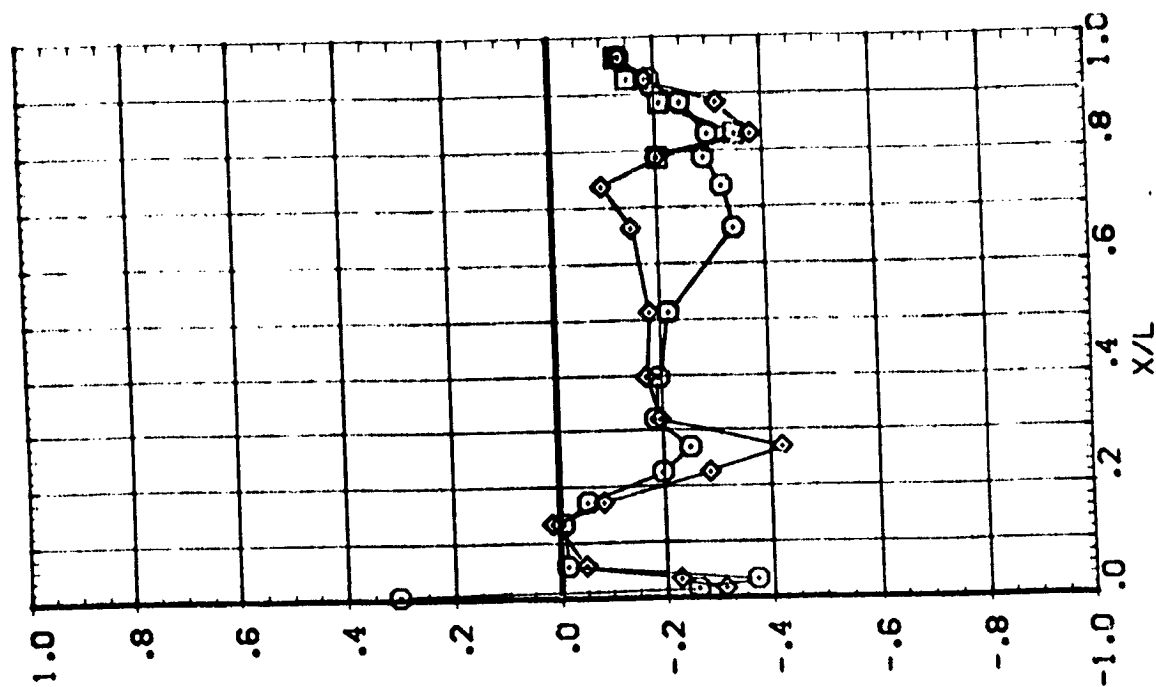


(RDLB05)

B:00507M2F:187E:18VSR5G: LEFT FUSELAGE

PARAMETRIC VALUES  
ELEVTR 0.000 RUDDER -15.000  
RDFLR 40.000 FLAP -18.000

SYMBOL A<sub>2</sub> A<sub>3</sub> A<sub>4</sub> BETA  
O 90.000 10.120 1.000  
◇ 105.000 12.700  
◇ 120.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG.

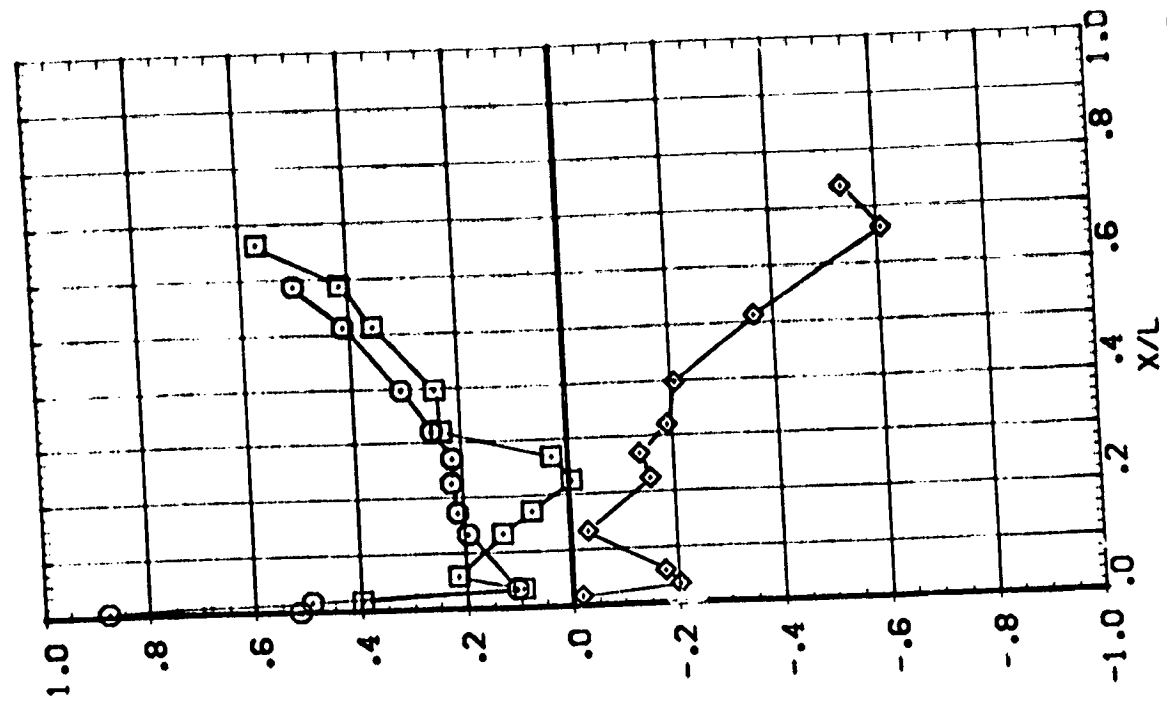
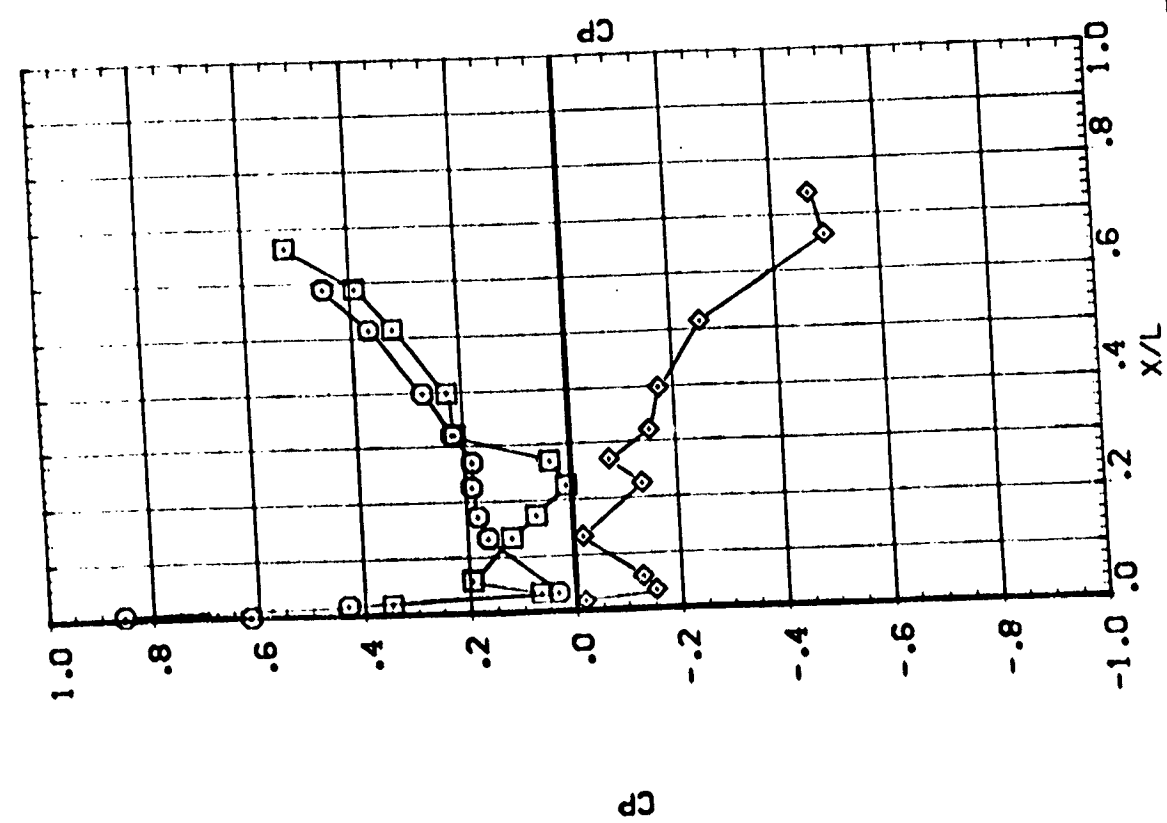


3:00507V2F:187E:18V5R53: LEFT FUSELAGE

(RDLB05)

PARAMETRIC VALUES  
ELEVTR 45.000 RUDDER -15.000  
RUDFLR 45.000 FLAP -18.000

SYMBOLS  
ALPHA 14.740  
BETA 16.730  
0.000  
45.000  
75.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG.

(R01805)

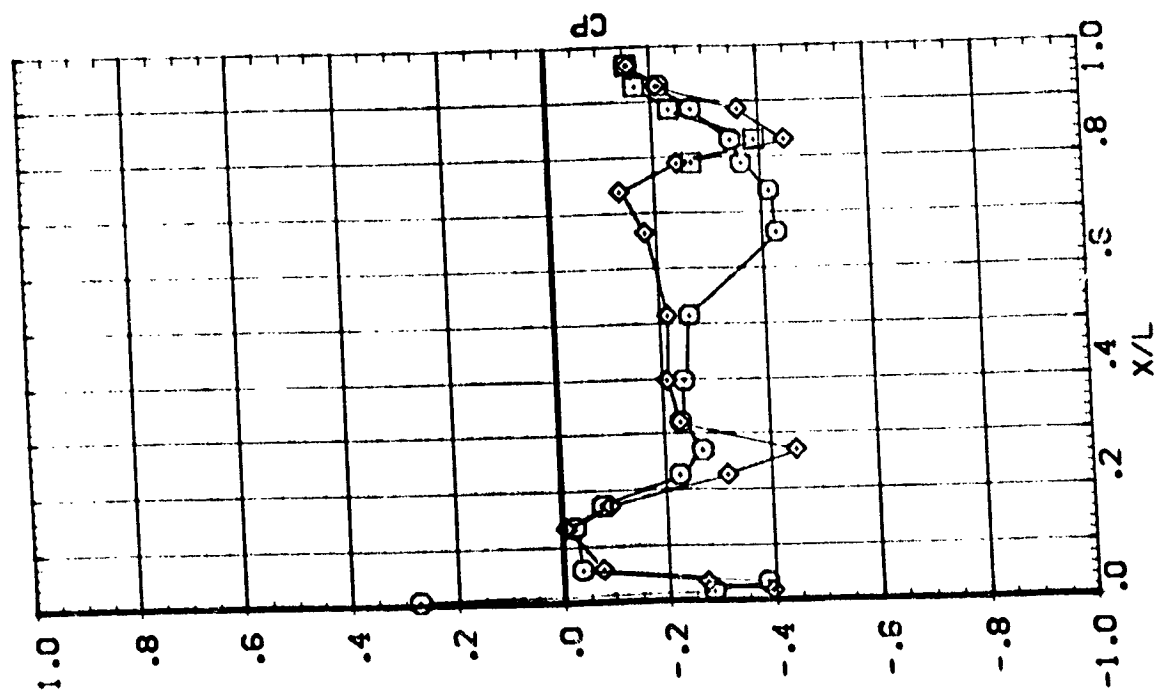
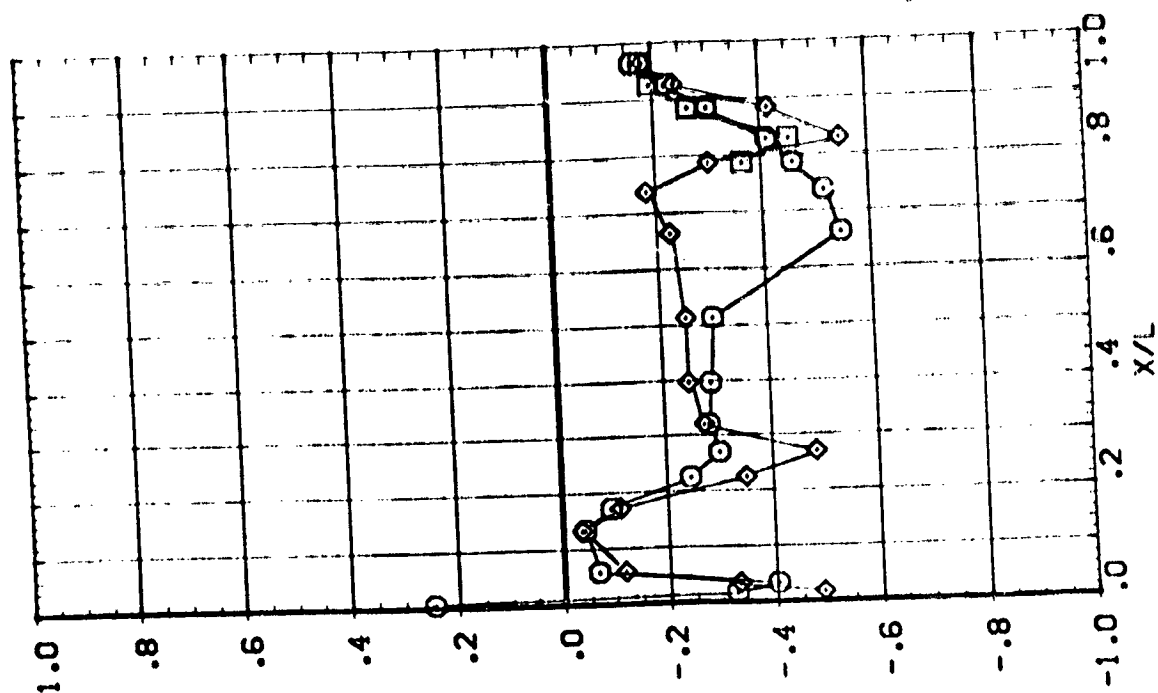
3:00507M2F1087E18.5R50: LEFT FUSELAGE

SYMBOL  
0.10

ALPHA  
14.240  
16.230

BETA  
.000

PARAMETRIC VALUES  
ELEVTR 40.000 RUDER -15.000  
RDFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = 0, RUDER = -15 DEG.

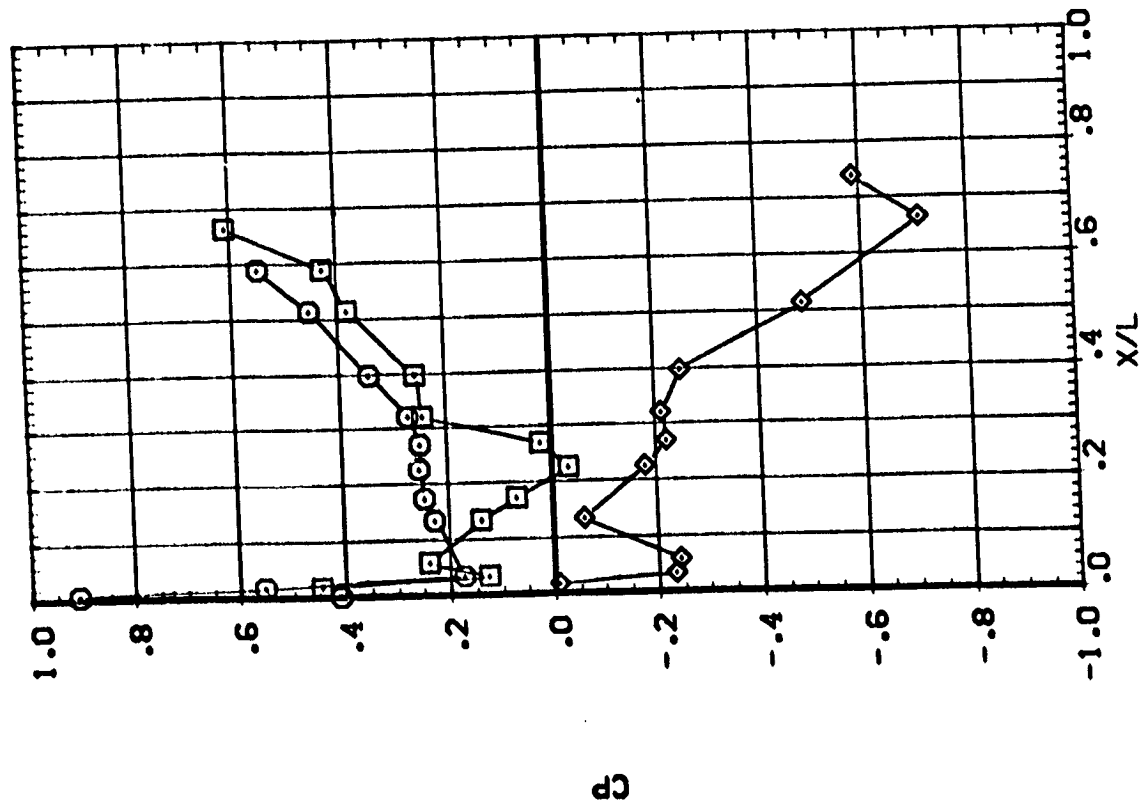


3:00507M2F:W87E18VSR5G: LEFT FUSELAGE

(RDLB05)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER -15.000  
RUDFLR 40.000 FLAP -18.000

SYMBOLS  
PHI .000  
ALPHA .8.300  
BETA .000  
40.000  
70.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG.

(RDLB05)

B:005072F:187E18VSR5G: LEFT FUSELAGE

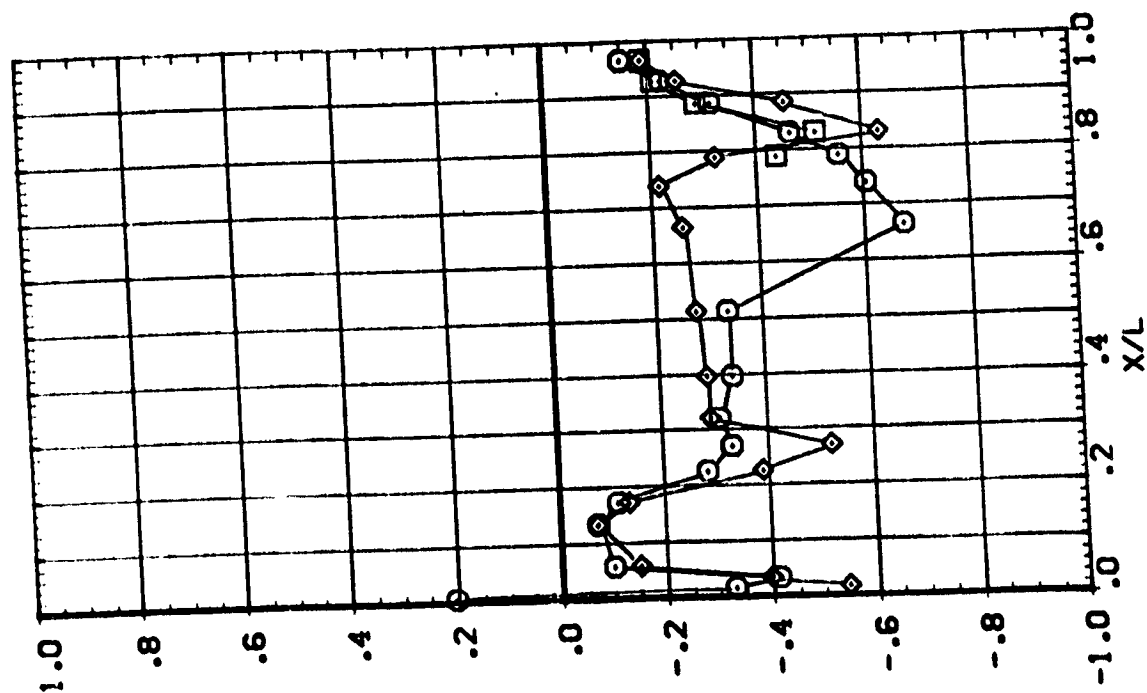
SYSC-  
P-1  
90.000  
105.000  
120.000

ALPHA  
18.300

BETA  
0.000

ELEVTR  
RJDFLR  
40.000  
0.000  
-15.000  
-18.000

PARAMETRIC VALUES



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG.



B:00507M2F1W87E:8V5R5G: RIGHT FUSELAGE

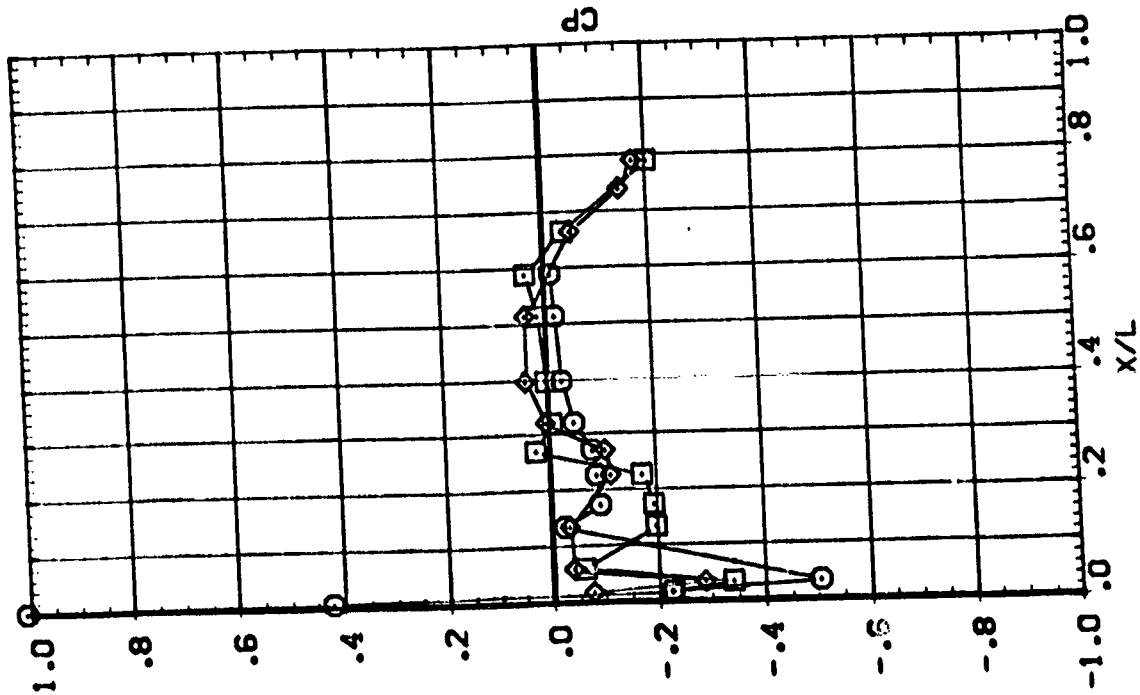
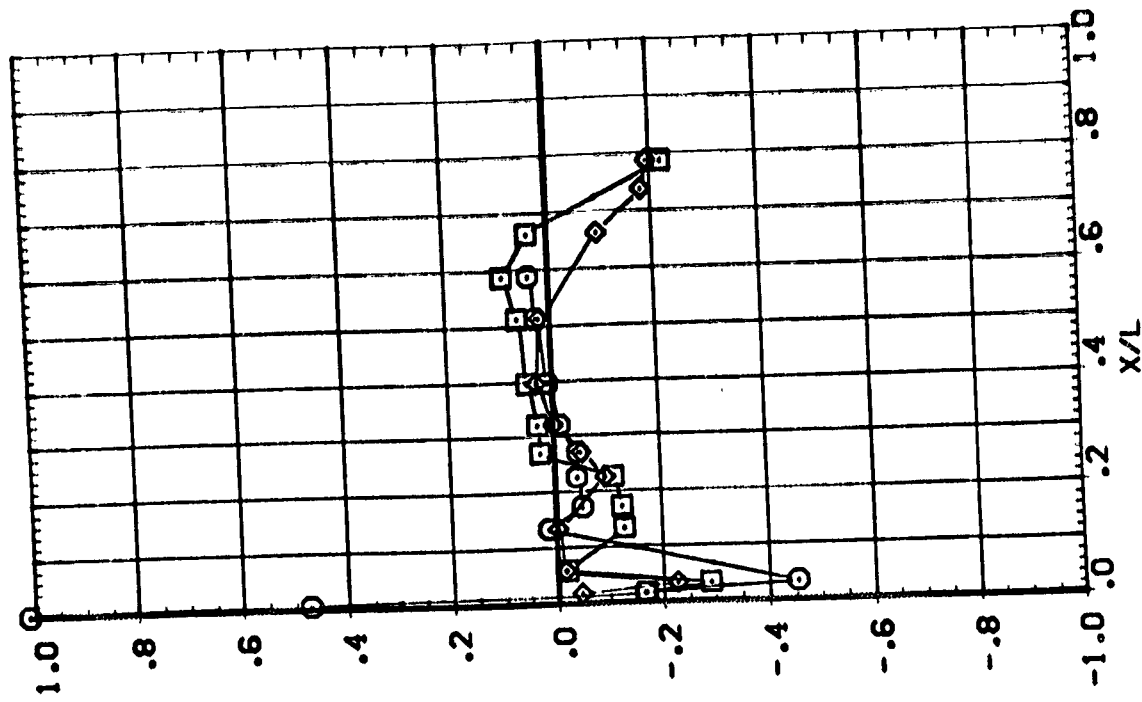
SYMBOL  
 40.000  
 70.000  
 100.000  
 130.000  
 160.000  
 190.000  
 220.000  
 250.000  
 280.000  
 310.000  
 340.000  
 370.000  
 400.000  
 430.000  
 460.000  
 490.000  
 520.000  
 550.000  
 580.000  
 610.000  
 640.000  
 670.000  
 700.000  
 730.000  
 760.000  
 790.000  
 820.000  
 850.000  
 880.000  
 910.000  
 940.000  
 970.000  
 1000.000

BE'A

-3.040  
 -1.000

(ROLA05)

PARAMETRIC VALUES  
 ELEVTR 40.000  
 RUDDER 15.000  
 FLAP 18.000



LONGIT. PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG  
 PAGE 197

3:00507M2: 187E: 8V5R5G: RIGHT FUSELAGE

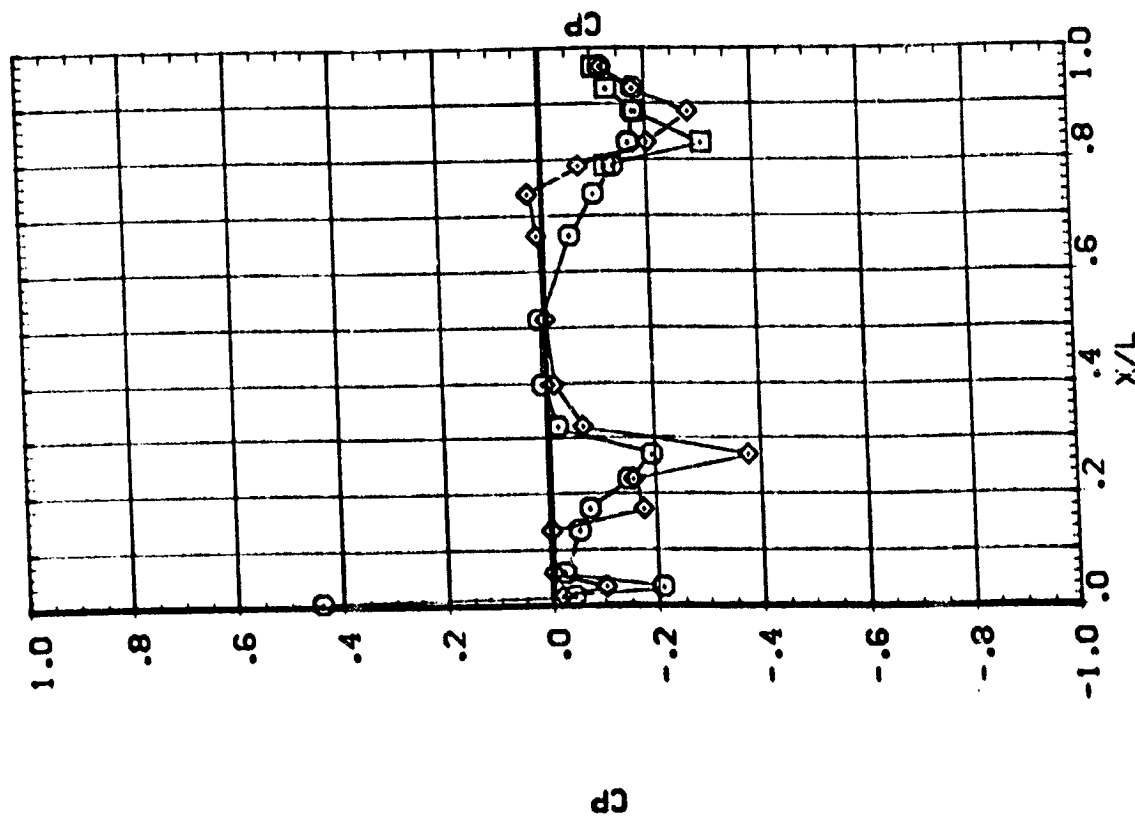
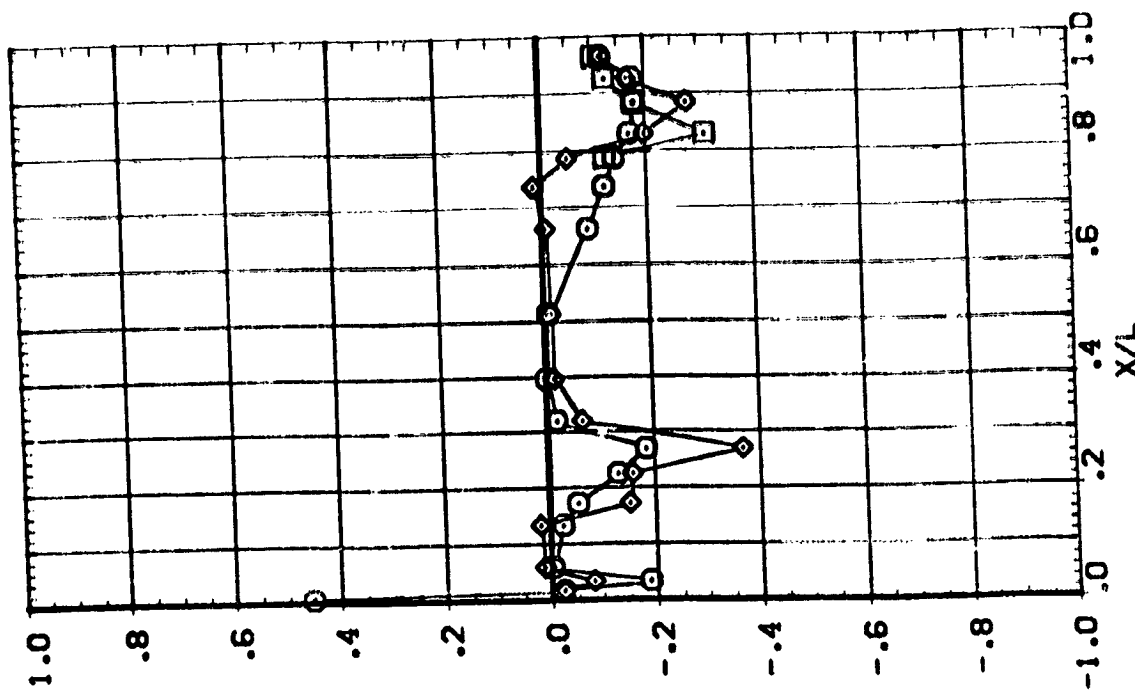
(RDLACS)

SYSC  
OLIO

ALPHA  
-3.040  
-1.000

BETA  
.000

PARAMETRIC VALUES  
ELEVTR  
RUDFLR  
RUDER  
FLAP  
-15.000  
-18.000

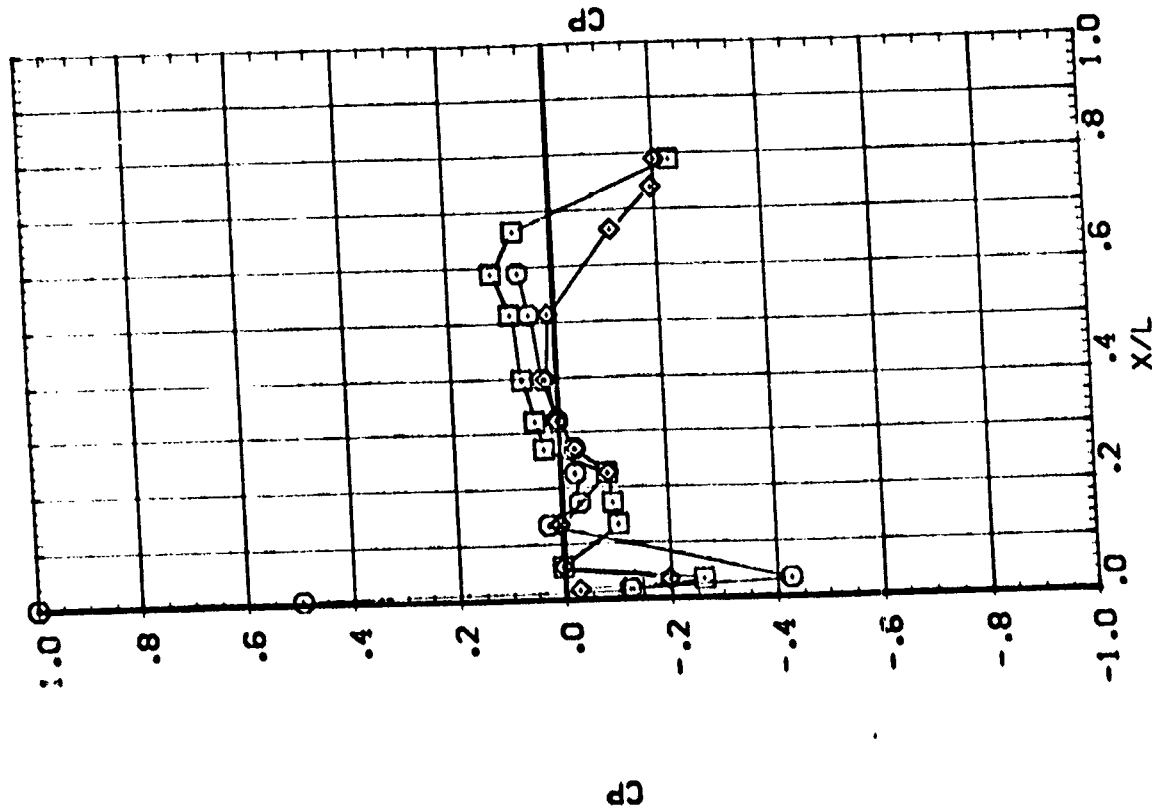
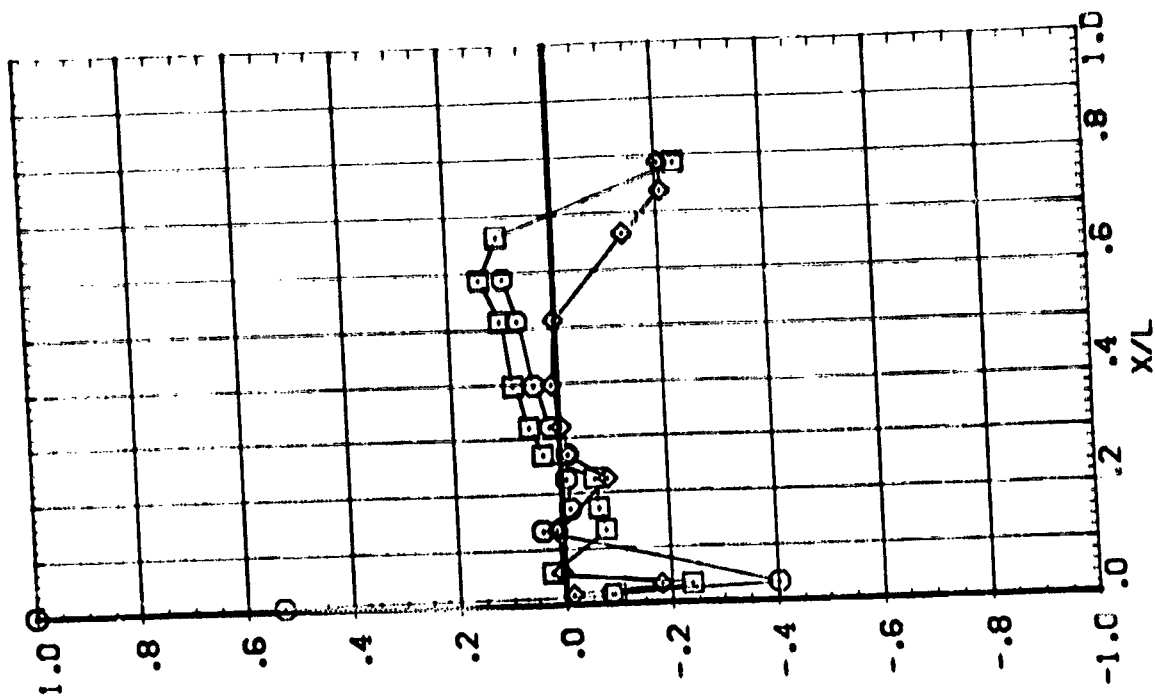


LONGIT. PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE, ELEVTR = 0, RUDER = -15 DEG

B:CC5372F:W87E:QV5R5G: RIGHT FUSELAGE

(RDLA05)

ELEVTR	.000	RODER	-15.000
RODER	40.000	FLAP	-18.000

[illegible]

LONGIT. PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE, ELEVTR = 0. RUDDER --15 DEG



3:00537V2F:187E18V5R5G: RIGHT FUSELAGE

(RDLAG5)

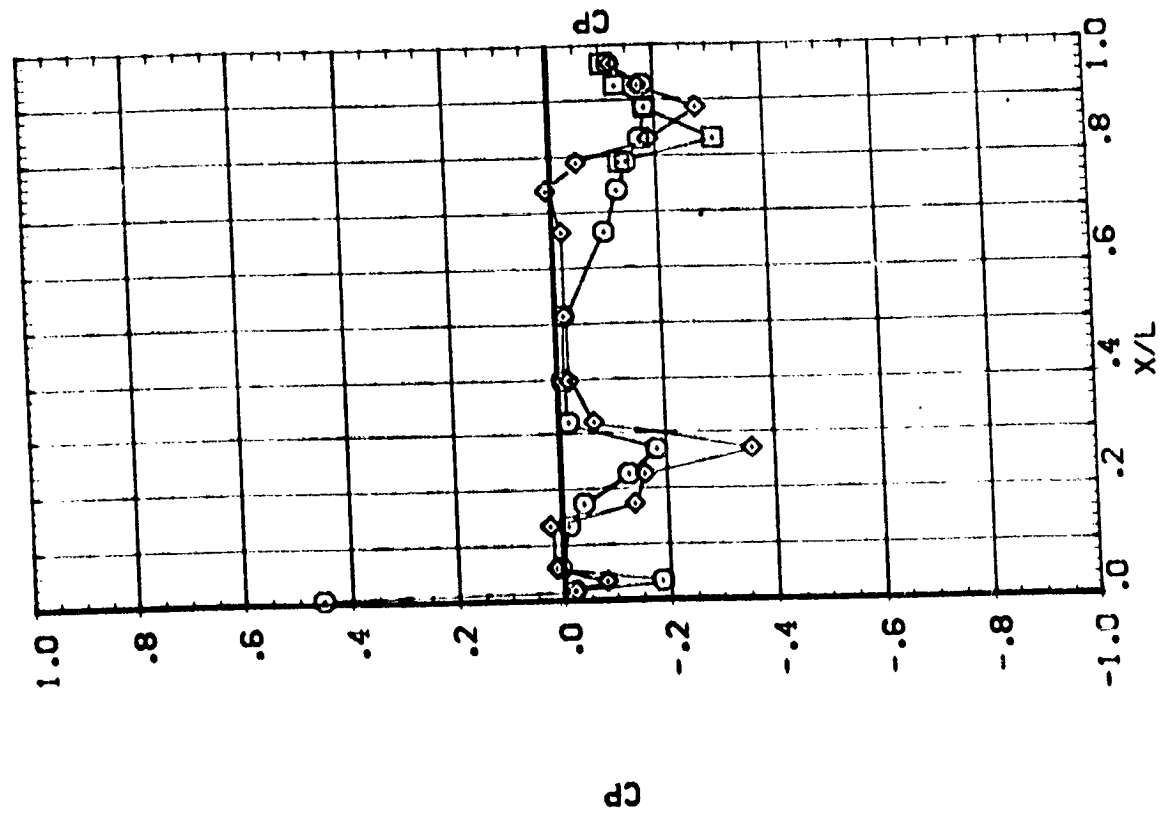
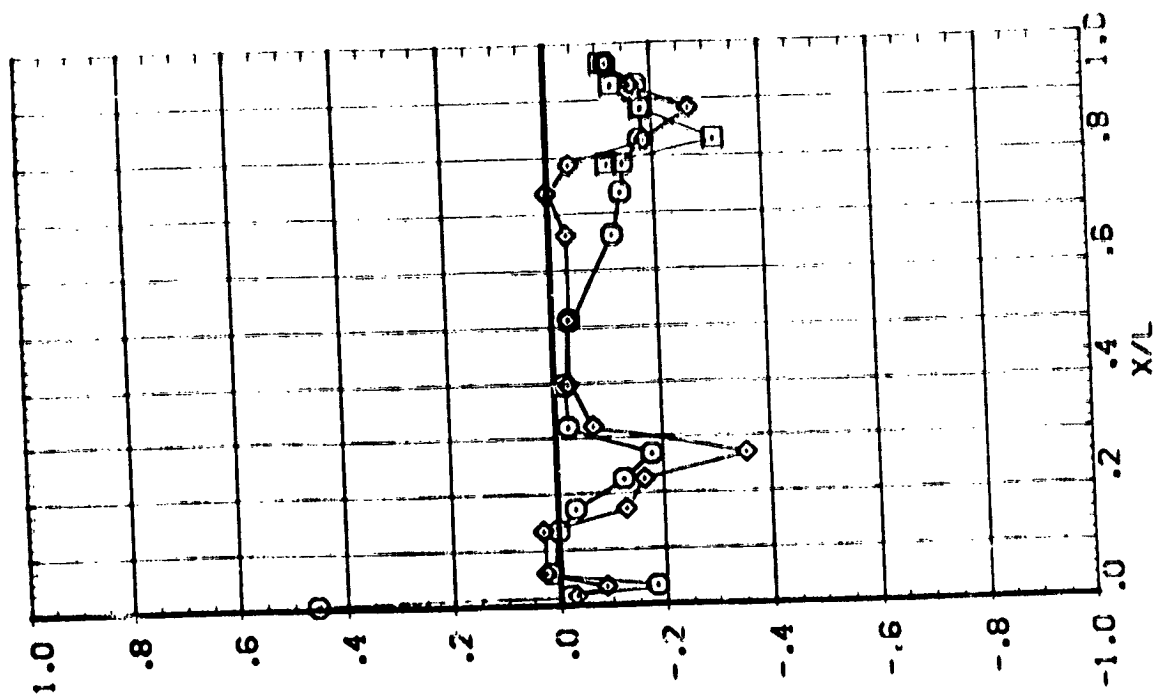
SYMBOL  
 O  
 X  
 DIAMOND

90.000  
 125.000  
 170.000

ALPHA  
 .010  
 .050

BETA  
 .000

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER -15.000  
 RUDDER 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG  
 PAGE 200.

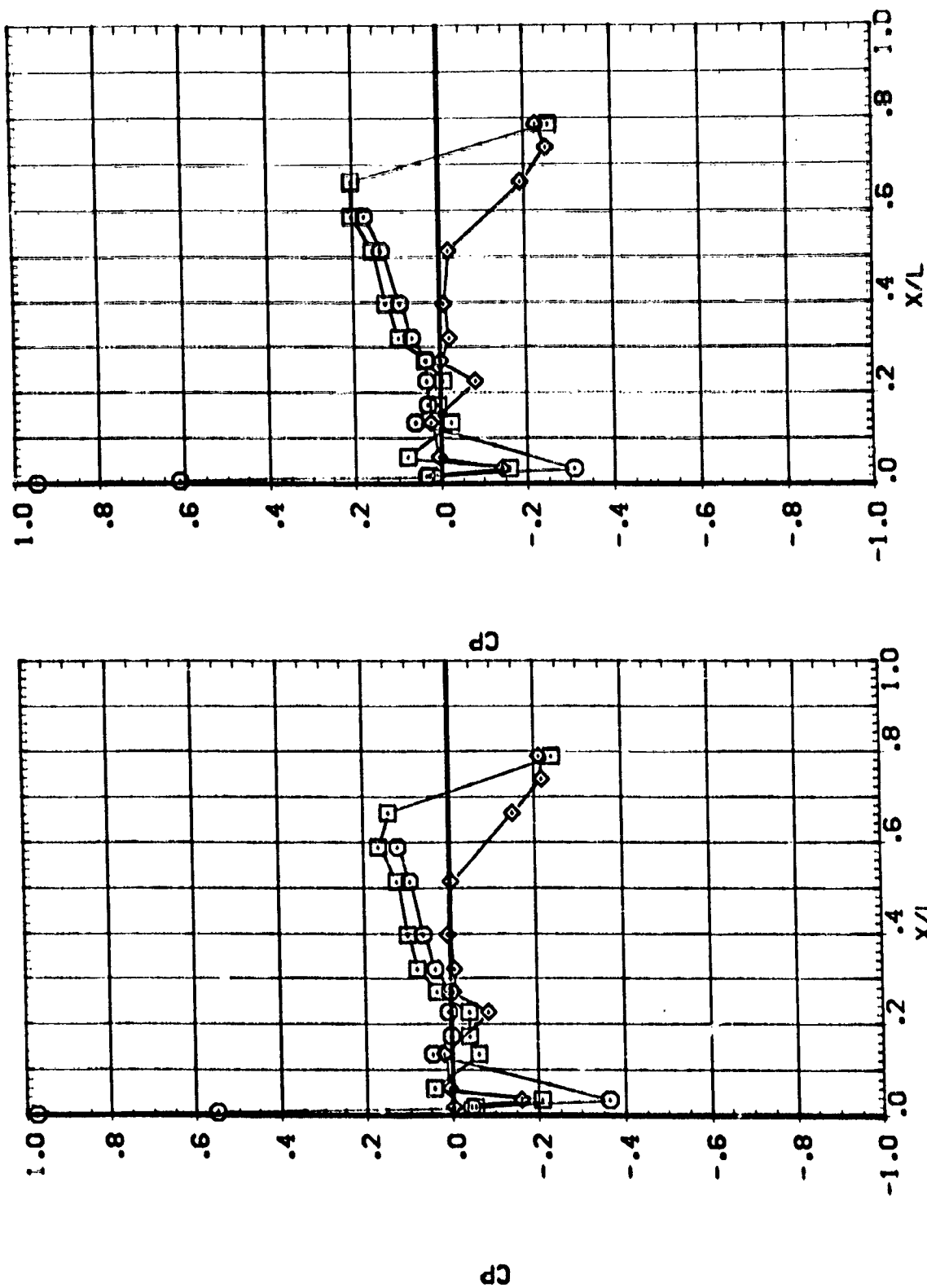


31005072F1W87E18VSR55: RIGHT FUSELAGE

(R0LA05)

SYMBOL     $\alpha$      $\beta$      $\alpha$      $\beta$   
 O    .000    2.000    .000  
 □    40.000    4.000  
 ◇    70.000

PARAMETRIC VALUES  
 ELEVTR    .000    RUDER    -15.000  
 RUDFLR    40.000    FLAP    -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE, ELEVTR = 0, RUDER = -15 DEG

(RELACS)

B:00507M2F:W87E:8VSR5G: RIGHT FUSELAGE

PARA-METRIC VALUES  
 .000 RUDDER  
 40.000 FLAP

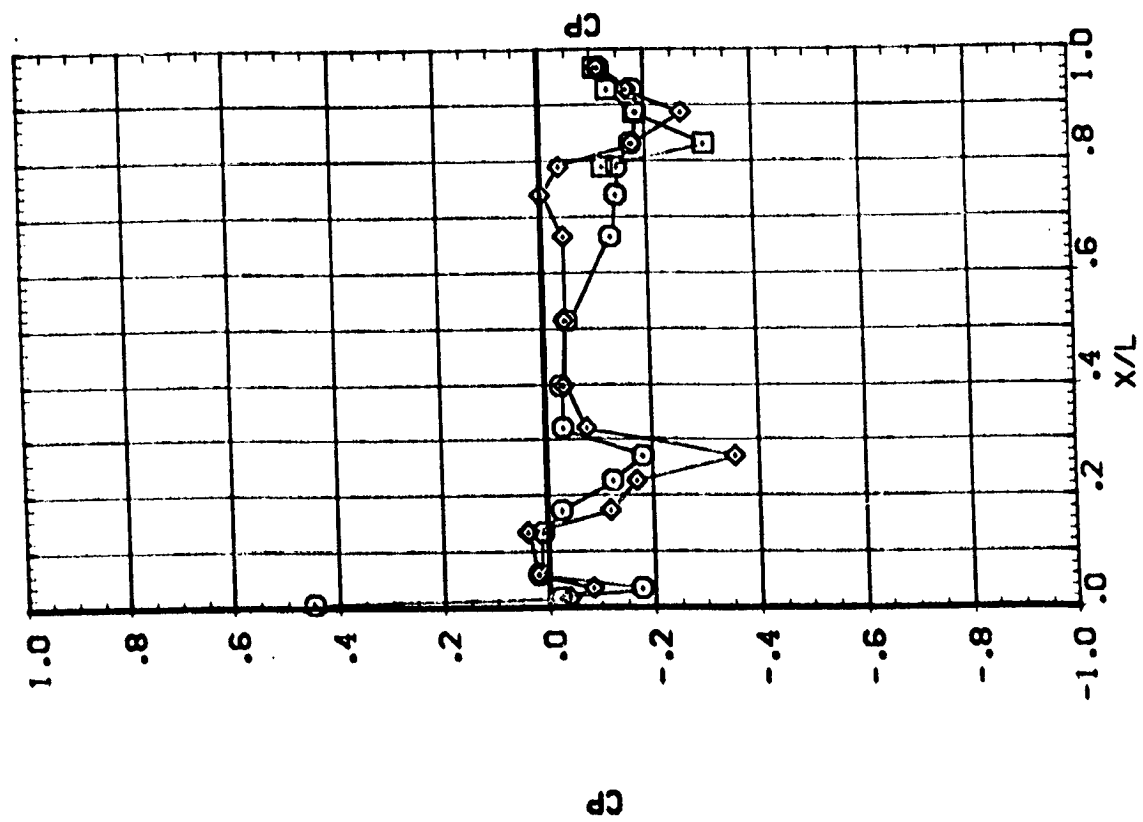
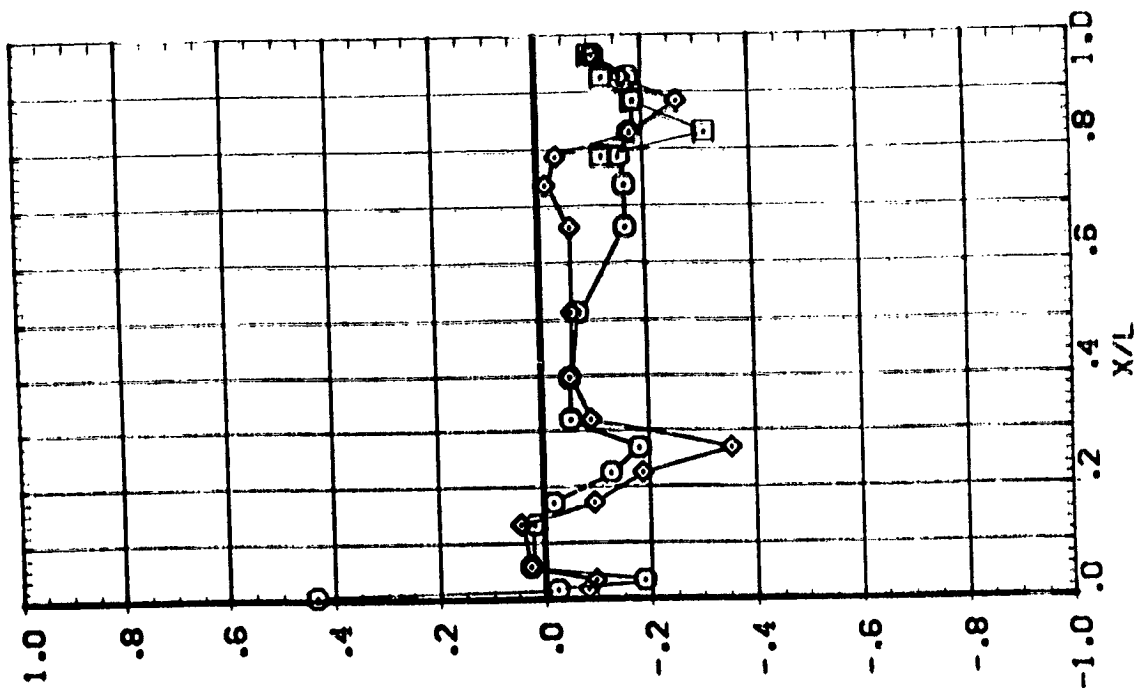
ELEVTR  
 RUDDER

-15.000  
 -18.000

ALPHA BETA  
 2.000 1.000  
 4.000

SYMBOL  
 90.000  
 105.000  
 120.000

○  
 □  
 ◇



LONGIT. PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG



3:00507M2F:W87E:8VSR5G: RIGHT FUSELAGE

(RDLA05)

SYMBOL

PM:

ALPHA

BETA

.0:0

6.08C

8.11C

.000

40.000

70.000

PARAMETRIC VALUES

ELEVTR

RJDFLR

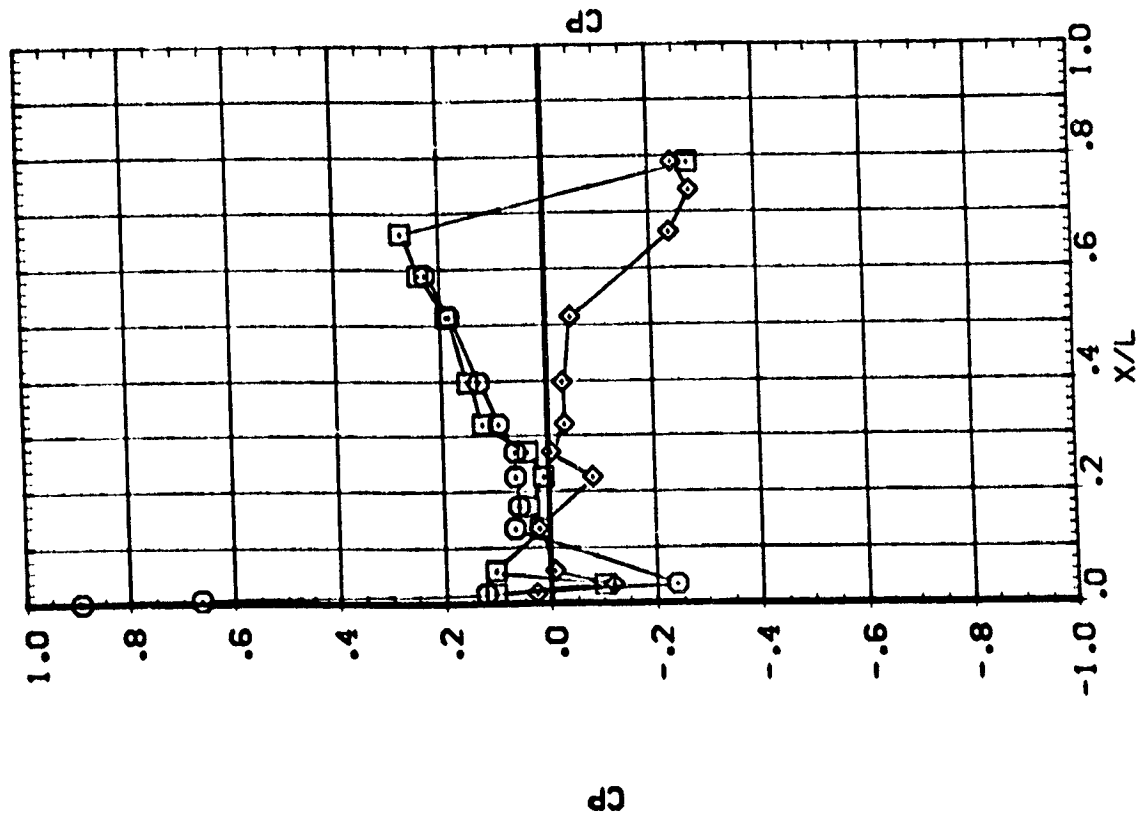
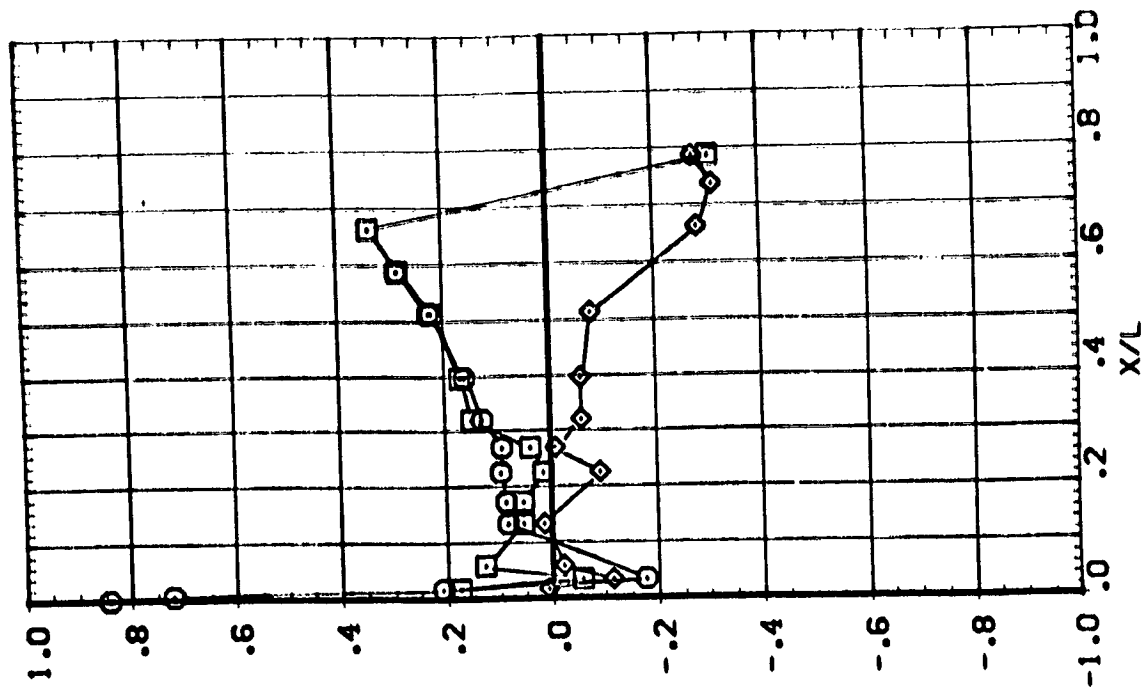
.000

40.000

.000

15.000

18.000



LONGIT. PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG

(R0LAC5)

B:0000/M2:1487E18/5R56: RIGHT FUSELAGE

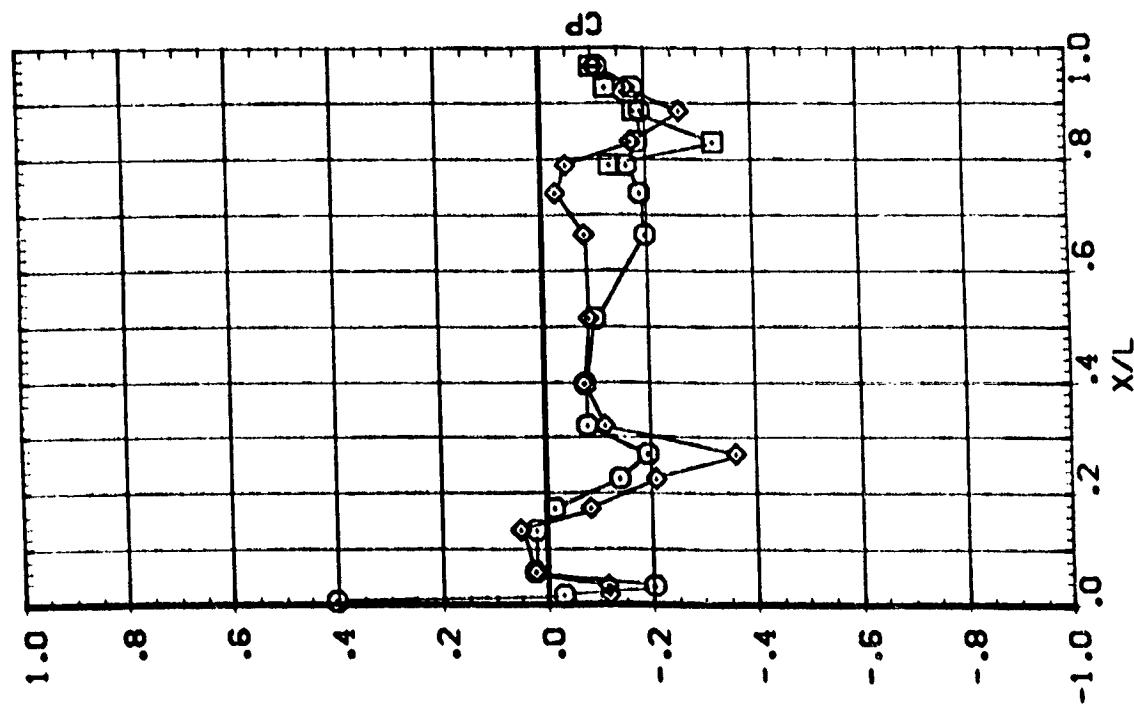
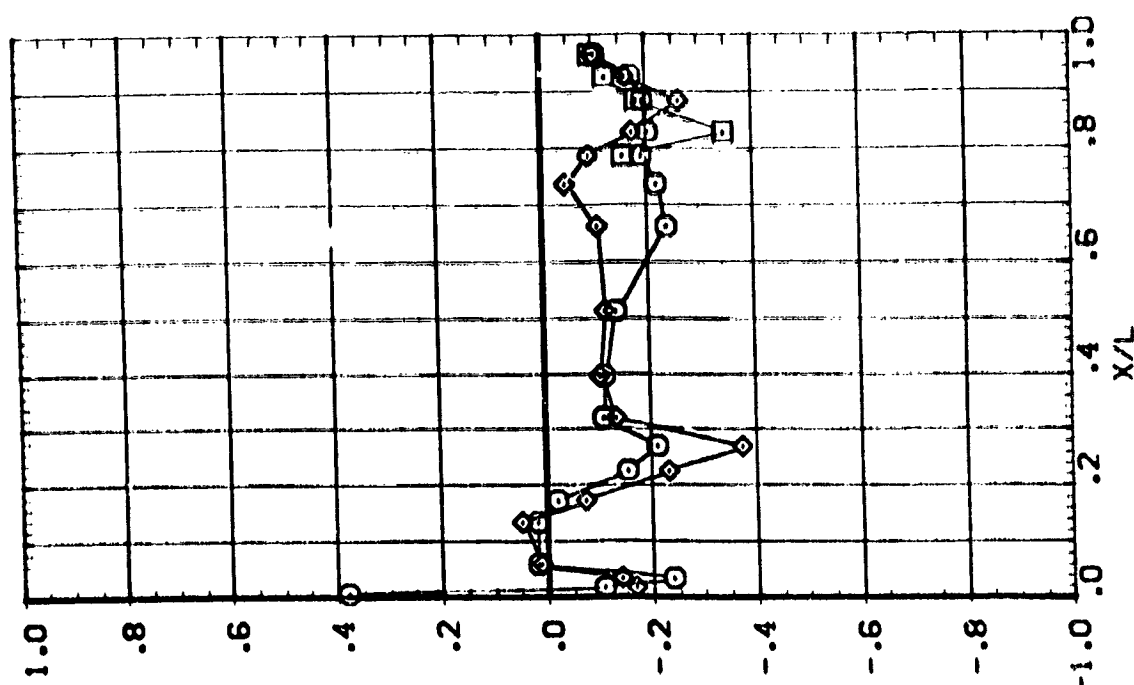
SYMBOL  
○  
◇

PHI  
90.000  
105.000  
120.000

ALPHA  
6.000  
8.110

BETA  
0.00  
0.10

PARAMETRIC VALUES  
ELEVTR 40.000 RUDER 0.000  
RUDFLR 15.000 FLAP 18.000



LONGIT. PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE. ELEVTR = 0. RUDDER = 15 DEG

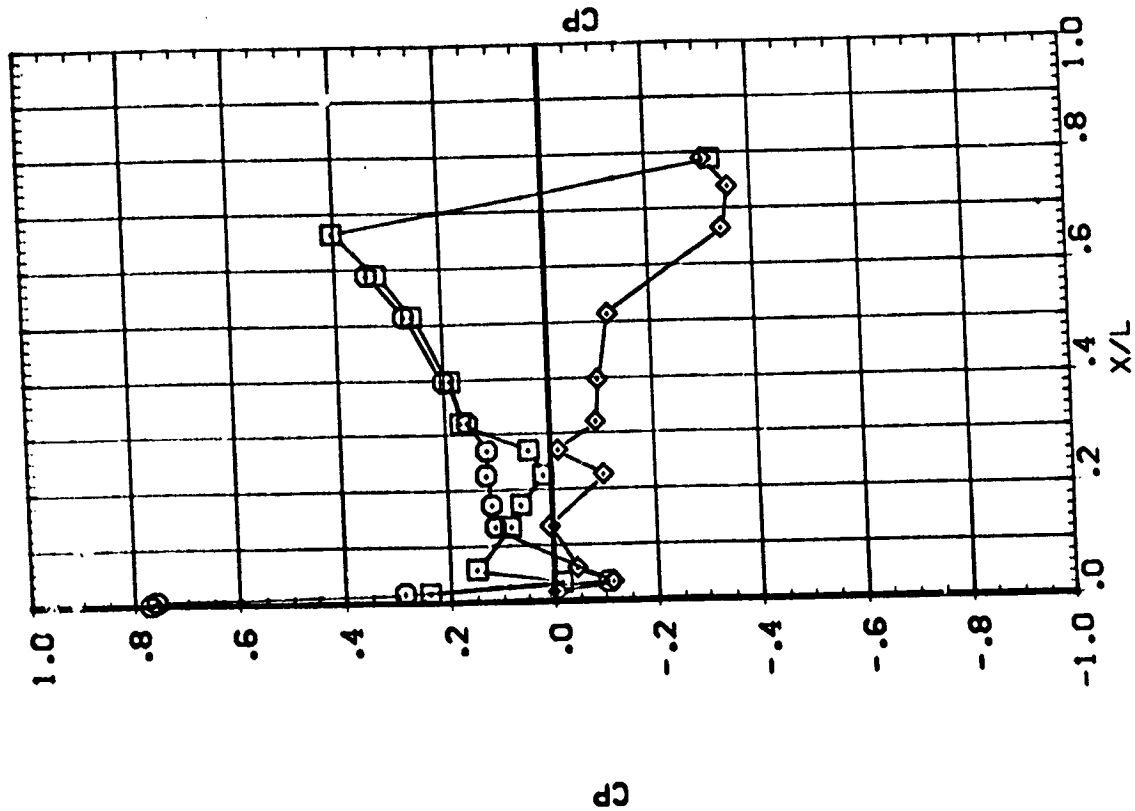
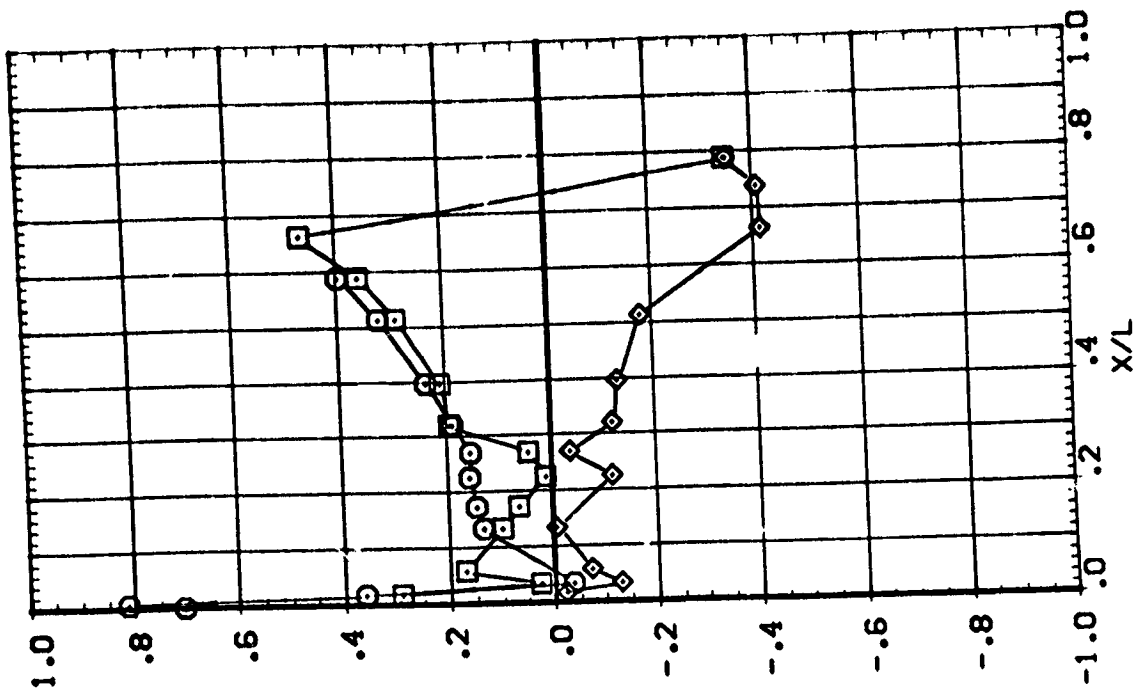


3:CC5C7V2:1W87E:8V5R5G: RIGHT FUSELAGE

(RDLA05)

SYMBOL  
 ○ □ ◇  
 PH: .000  
 40.000  
 70.000  
 ALPHA  
 10.170  
 12.200  
 BETA  
 .000

PARAMETRIC VALUES  
 ELEVTR 40.000  
 RUDDER .000  
 FLAP -15.000  
 -18.000



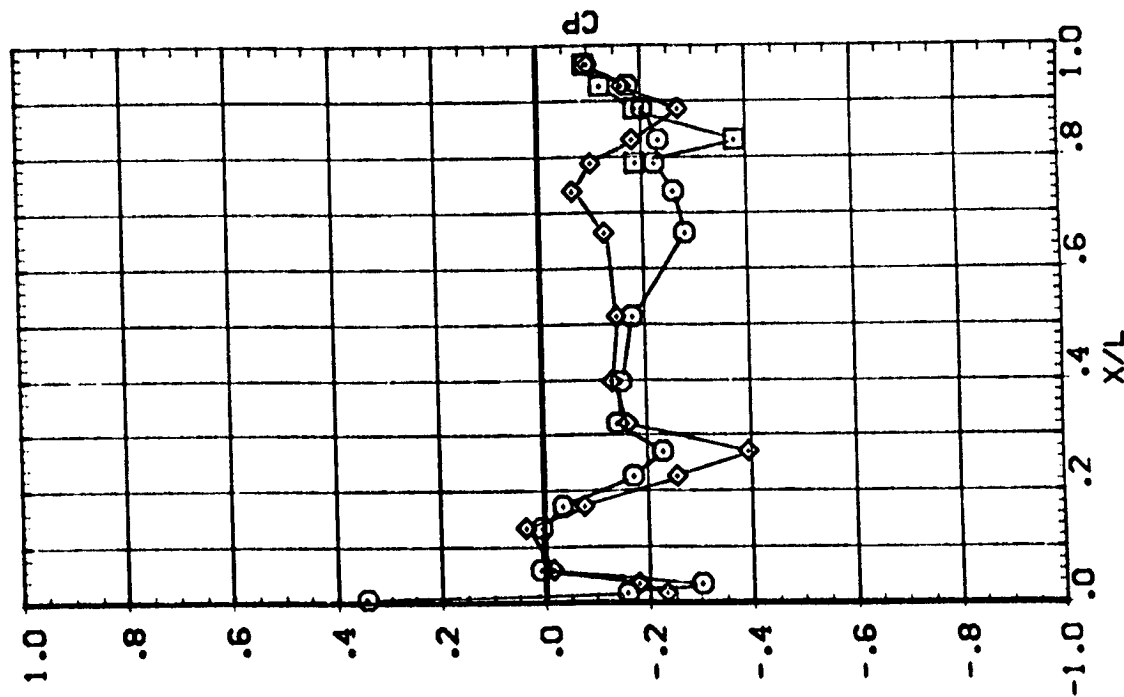
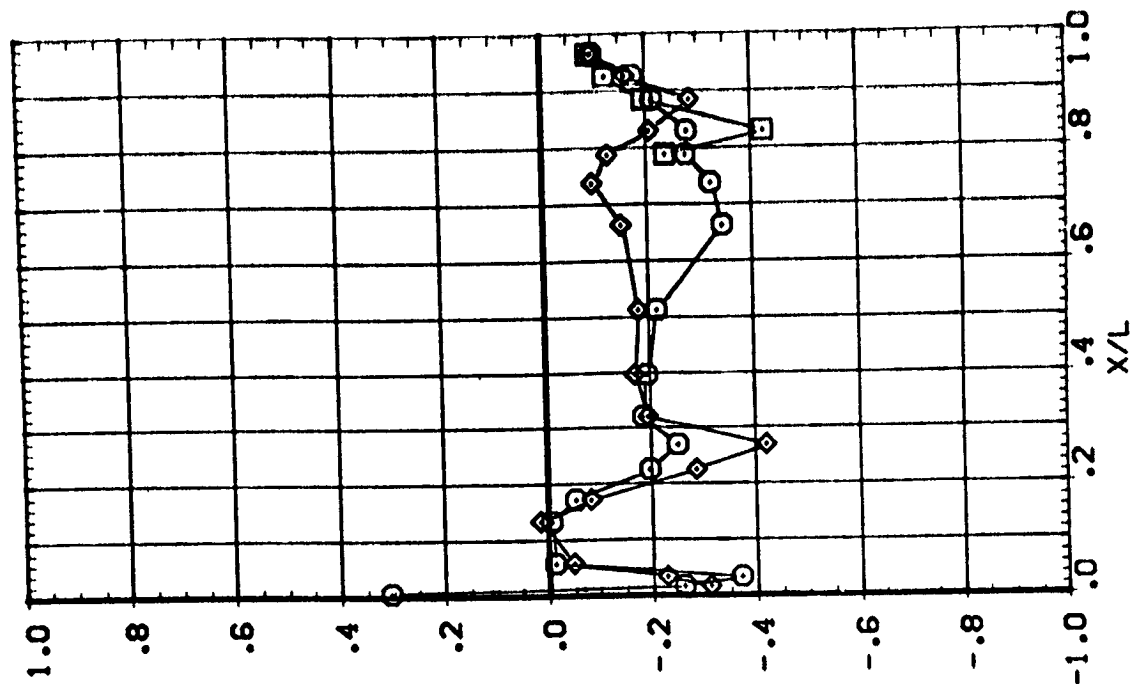
LONGIT. PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG  
 PAGE 205

(RDLAC5)

B:00507M2F:W87E:8VSR5G: RIGHT FUSELAGE

PARAMETRIC VALUES  
 ELEVTR 0.000 RUDDER -15.000  
 RUDFLR 40.000 FLAP -18.000

SYMBOL  
 PH: 90.000 ALPHA 10.120 BETA .000  
 105.000 12.200  
 120.000



LONGIT. PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG  
 PAGE 206

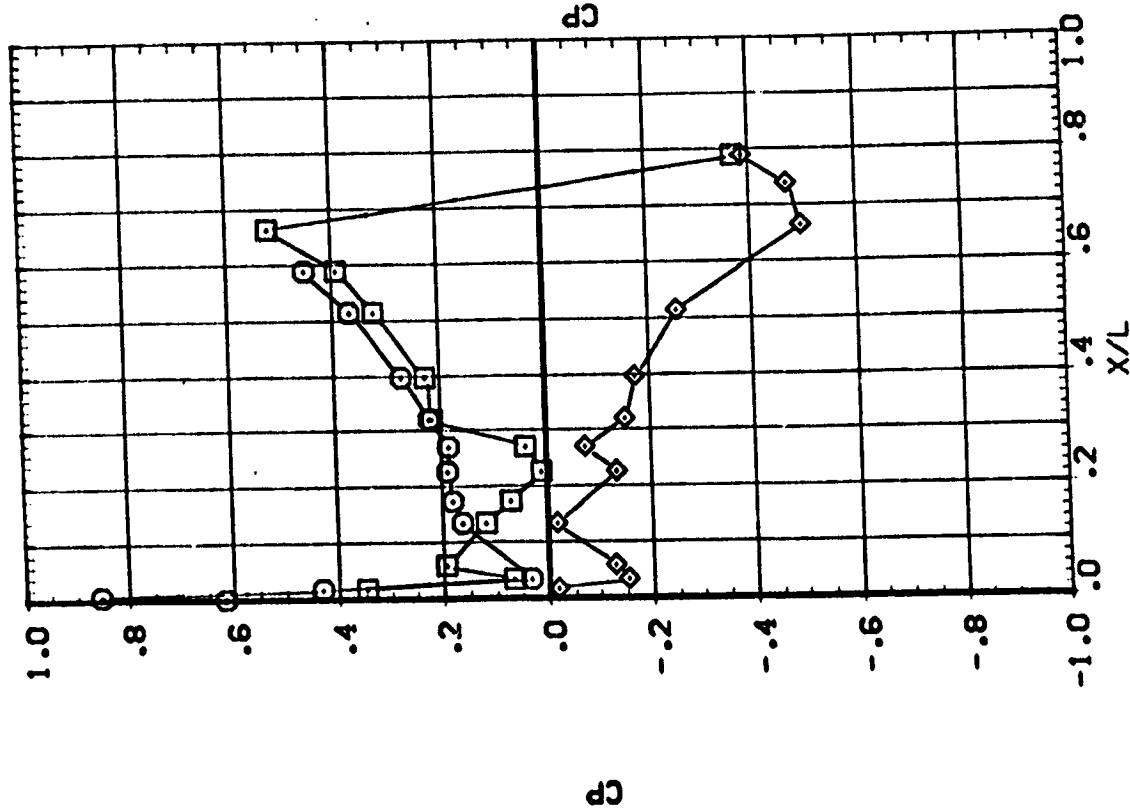
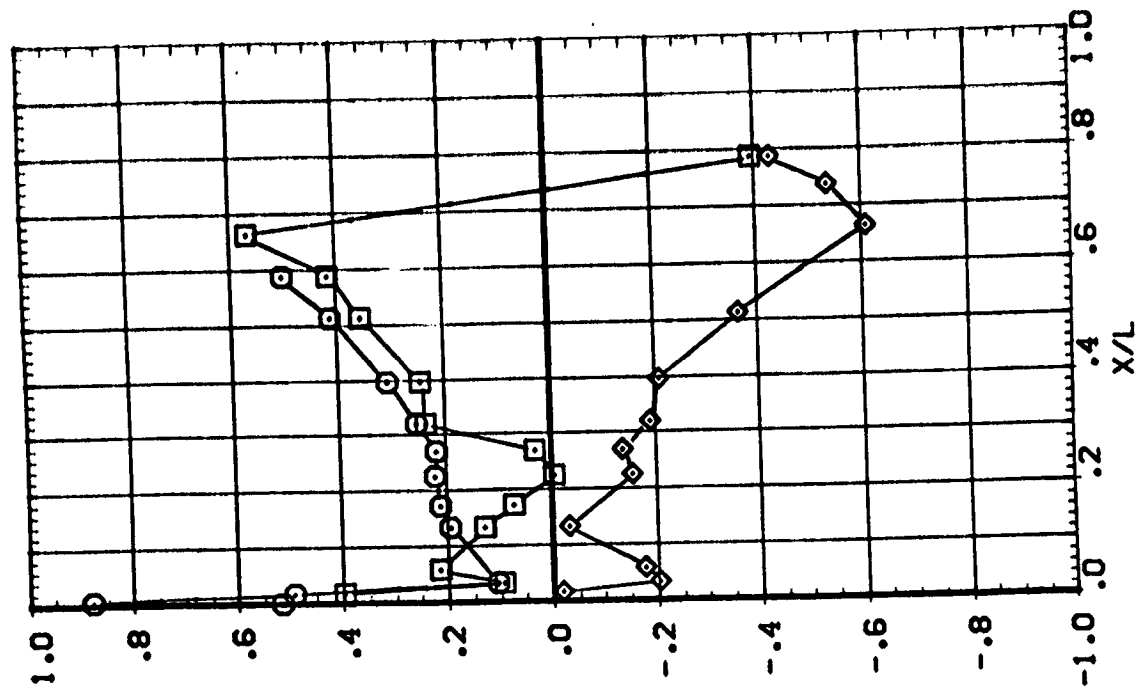


B10050772F187E18VSR5G: RIGHT FUSELAGE

(RDLA05)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER -15.000  
RDFLR 40.000 FLAP -18.000

SYMBOL  
□ ○ ◇  
P41 .000 A.P/A 14.74C BETA .000  
40.000 16.73C  
70.000



LONGIT. PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE. ELEVTR = 0. RUDDER = -15 DEG





3:00507M2F:1W8VE:8V5R55: RIGHT FUSELAGE

(RDLA05)

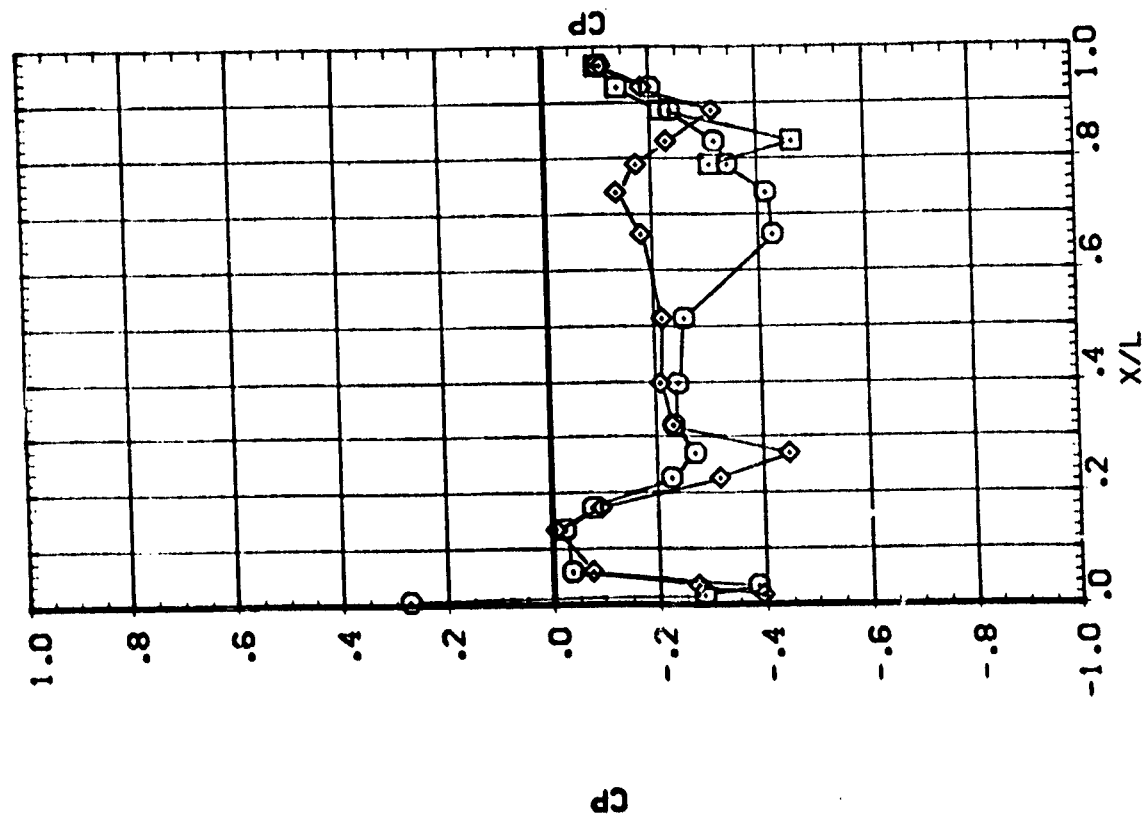
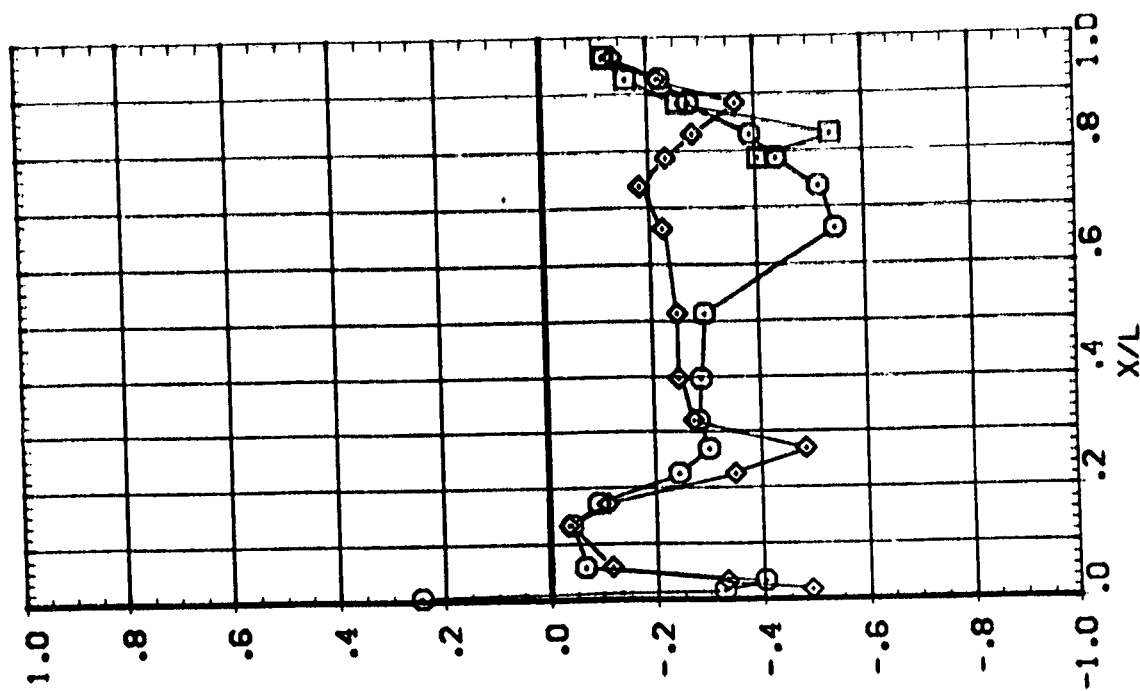
SYMBOL  
( )  
[ ]  
◇

ALPHA  
14.240  
16.230

BETA

.000

PARAMETRIC VALUES  
ELEVTR .000 RUDDER -15.000  
RLOFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG

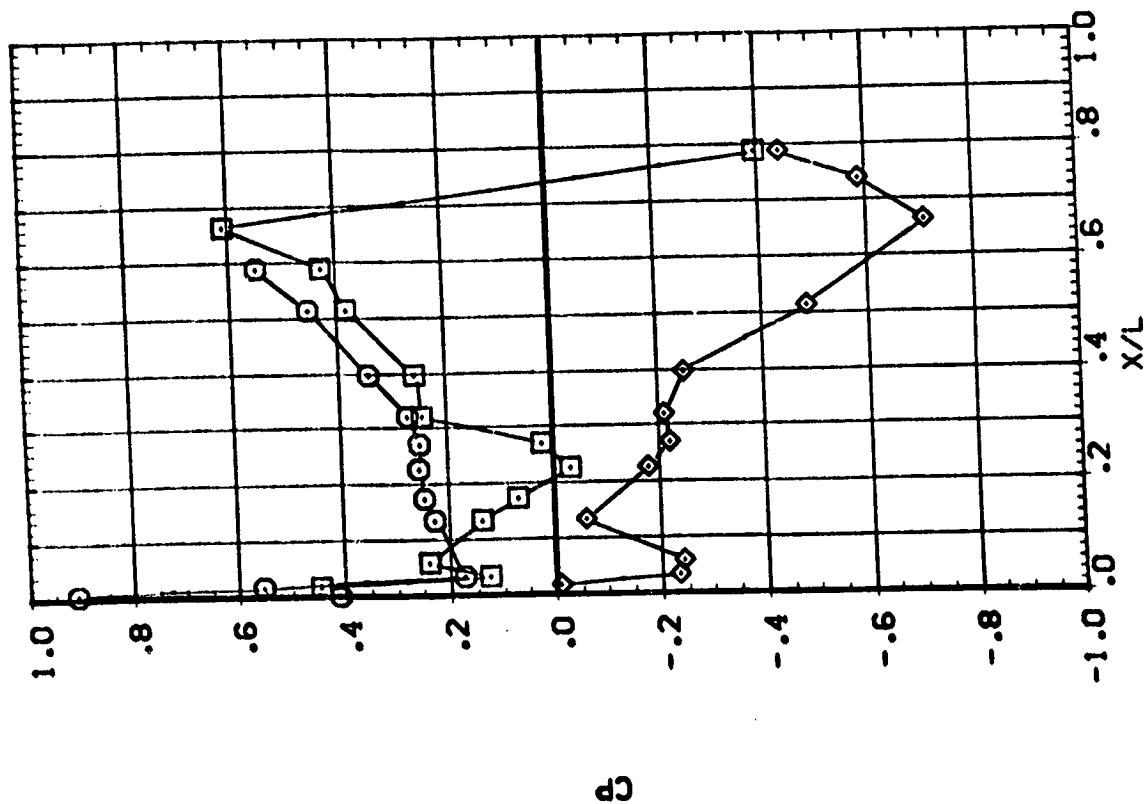


3:CC5D7M2F:W87E:8V5R5G: RIGHT FUSELAGE

(RDLA05)

PARAMETRIC VALUES  
ELEVTR 40.000 RUDDER -15.000  
RUJFLR 40.000 FLAP -18.000

SYNCH. P.A. ALPHA BETA  
40.000 18.300 .000  
70.000



LONGIT. PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG  
PAGE 209

B:00507M2F:W87E:8VSR5G: RIGHT FUSELAGE

(RDLA05)

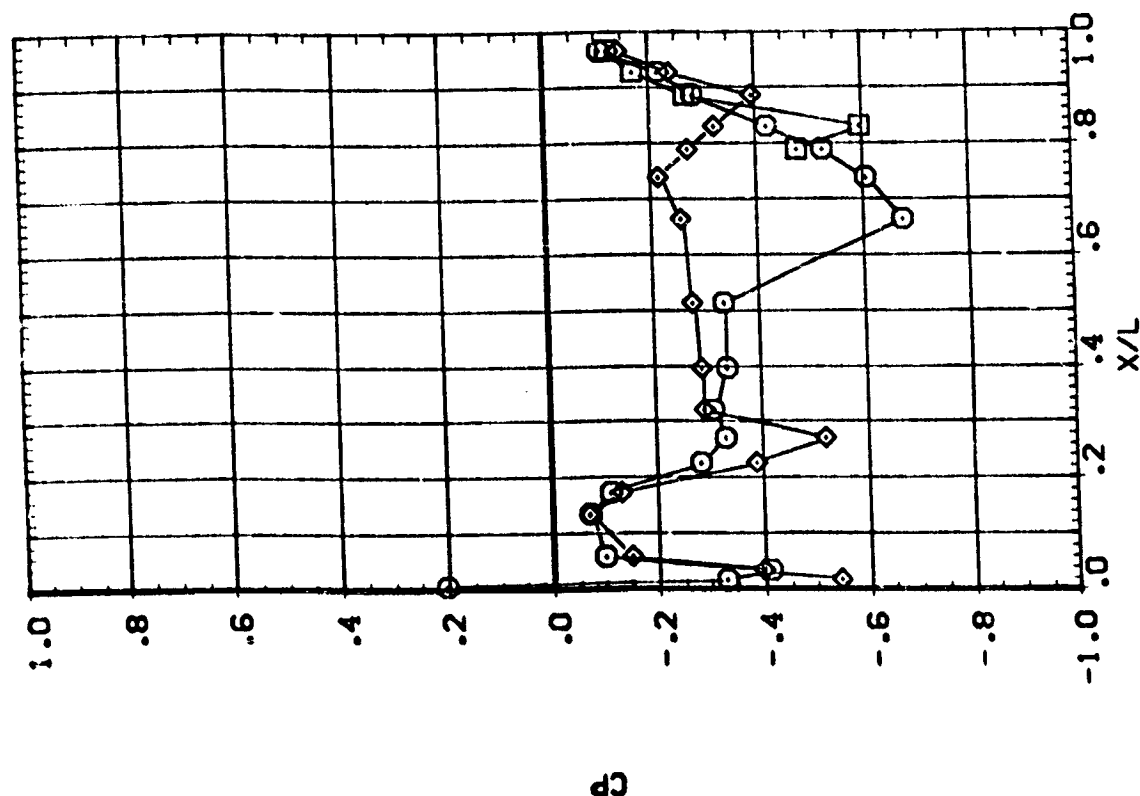
SYMBOL  
 30.000  
 15.000  
 120.000

ALPHA  
 19.300

BE<sup>TA</sup>  
 .000

PARAMETRIC VALUES  
 .000 RUDDER -15.000  
 40.000 FLAP -18.000

ELEVTR  
 RUOFLR



LONGIT. PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE. ELEVTR = 0, RUDDER = -15 DEG  
 PAGE 2:3



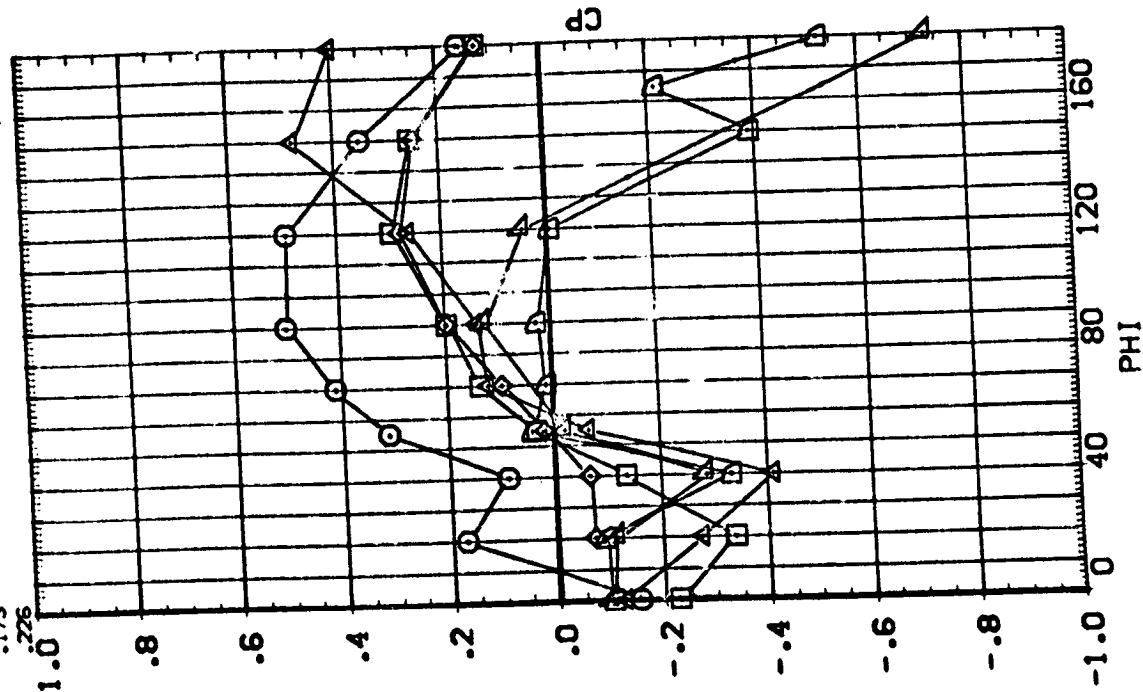
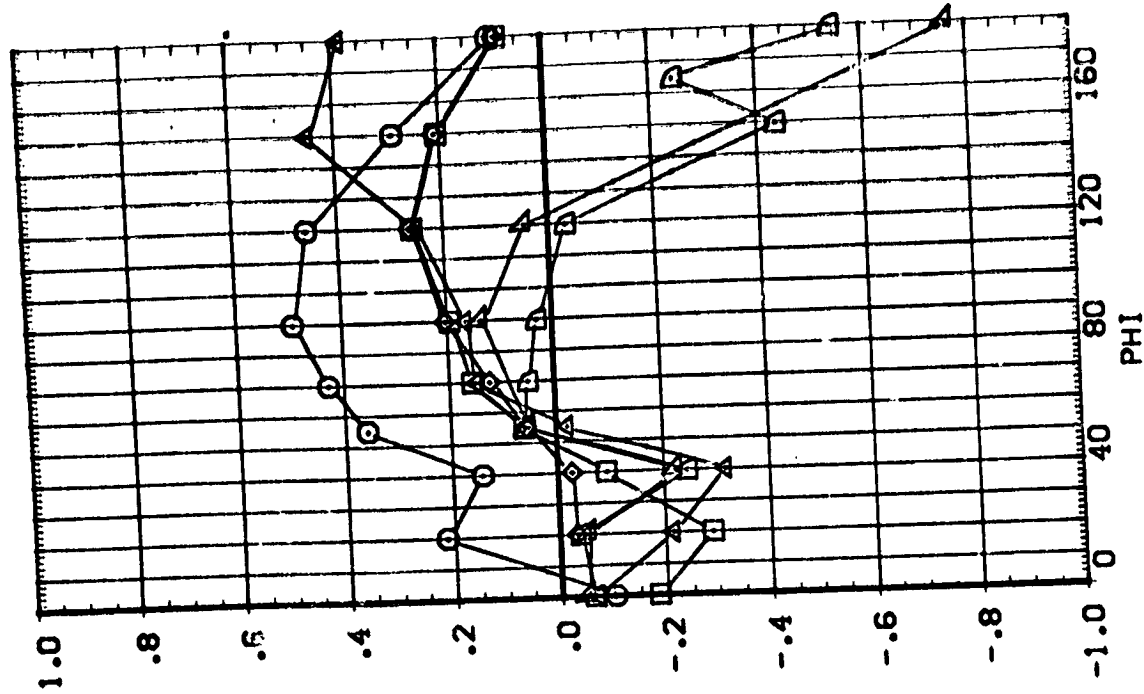
B:0C507M2F1W87E18V5R5G1 LEFT FUSELAGE

(RDLB01)

PARAMETRIC VALUES  
ELEVTR .000  
RUOFLR 40.000  
RUDDER .000  
FLAP -18.000

ALPHA BETA  
-3.040 -10.050  
-1.020

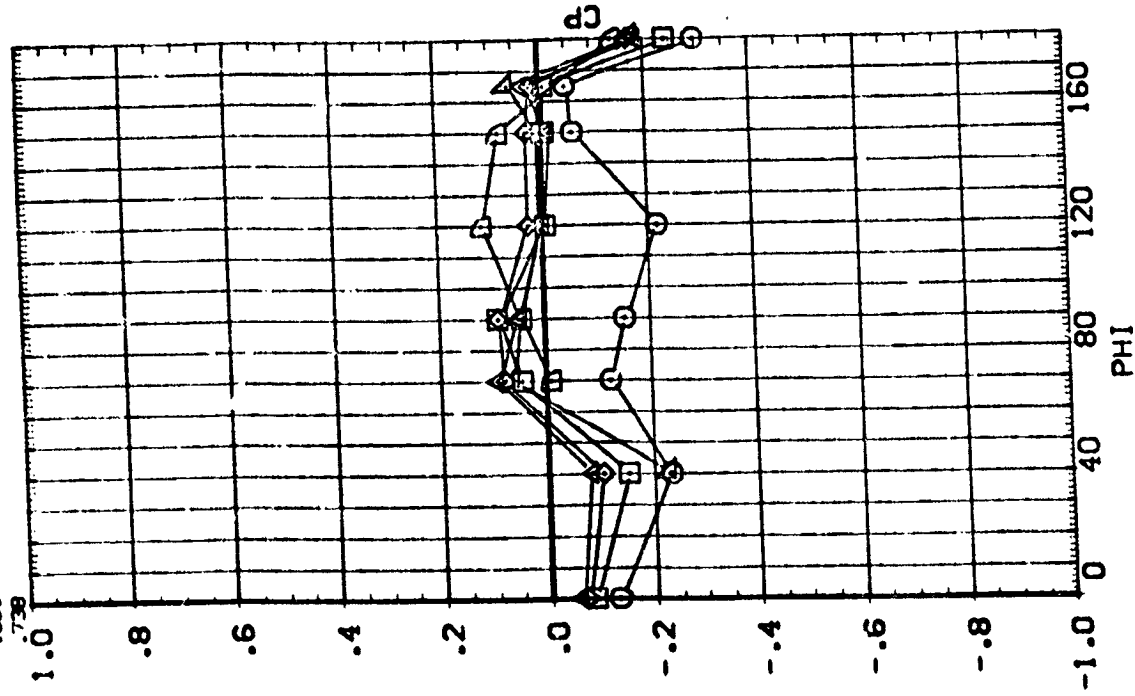
SYMBOL XL  
.019  
.034  
.050  
.136  
.173  
.226



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

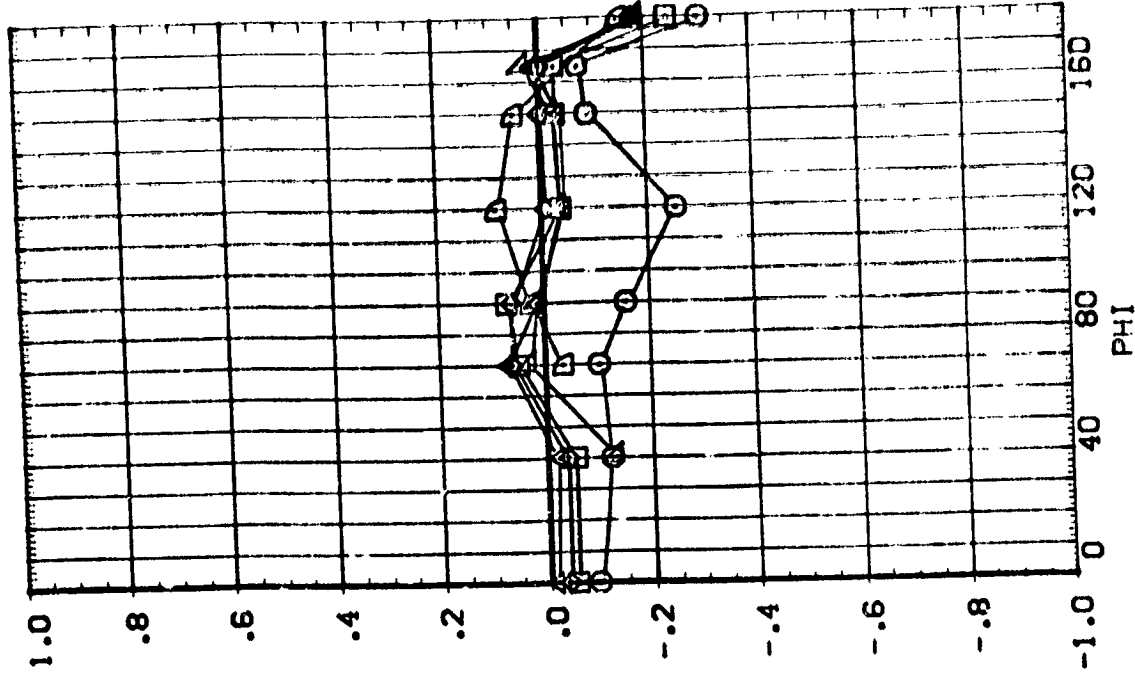
B100507M2F1W87E18V5R5G: LEFT FUSELAGE

SYMBOL X/L ALPHA BETA  
 .271  
 .320  
 .395  
 .512  
 .663  
 .738



(RDL301)

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUDFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 212



B:00507M2F1W87E18VSR5G1 LEFT FUSELAGE

SYNCS  
O  
□  
◇  
△  
▽

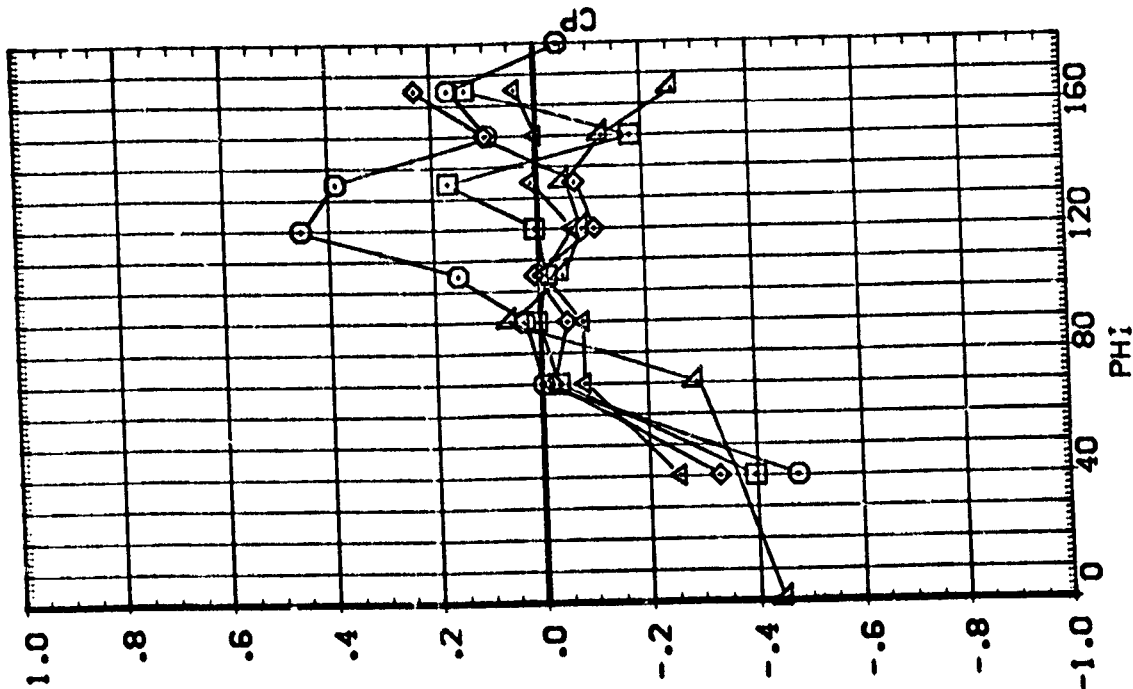
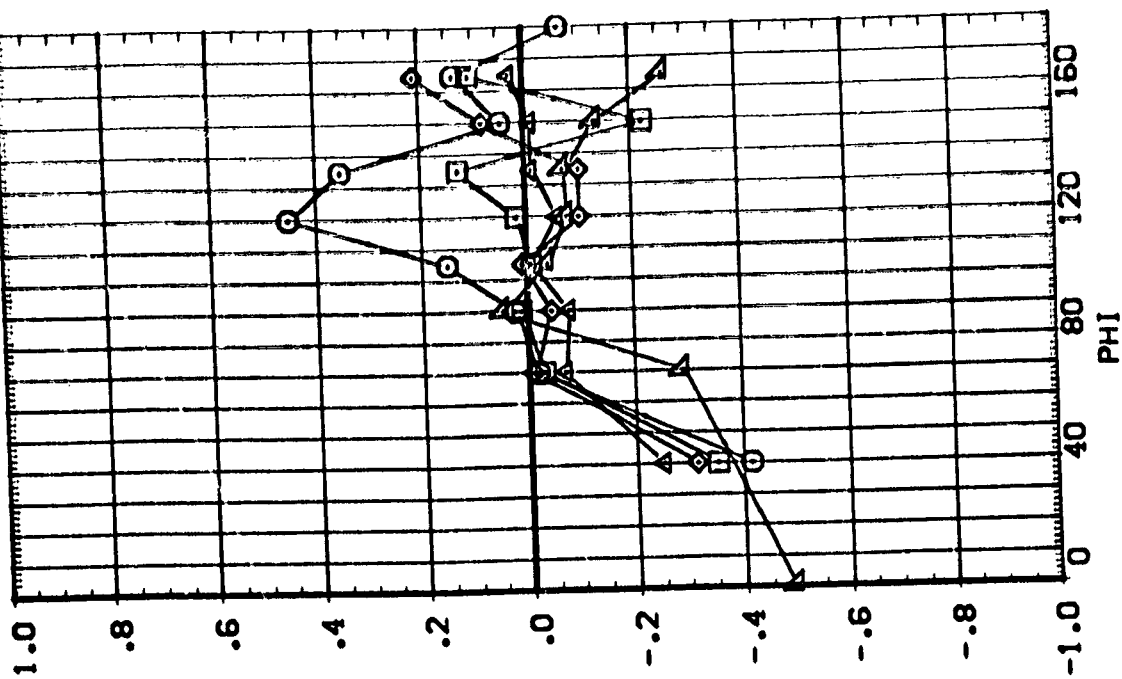
X/L  
.787  
.828  
.885  
.926  
.954

ALPHA  
-3.040  
-1.020

BETA  
-10.050

(RDLB01)

PARAMETRIC VALUES  
ELEVTR .000  
RUDDER .000  
RUOFLR 40.000  
FLAP -10.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

(R0LB01)

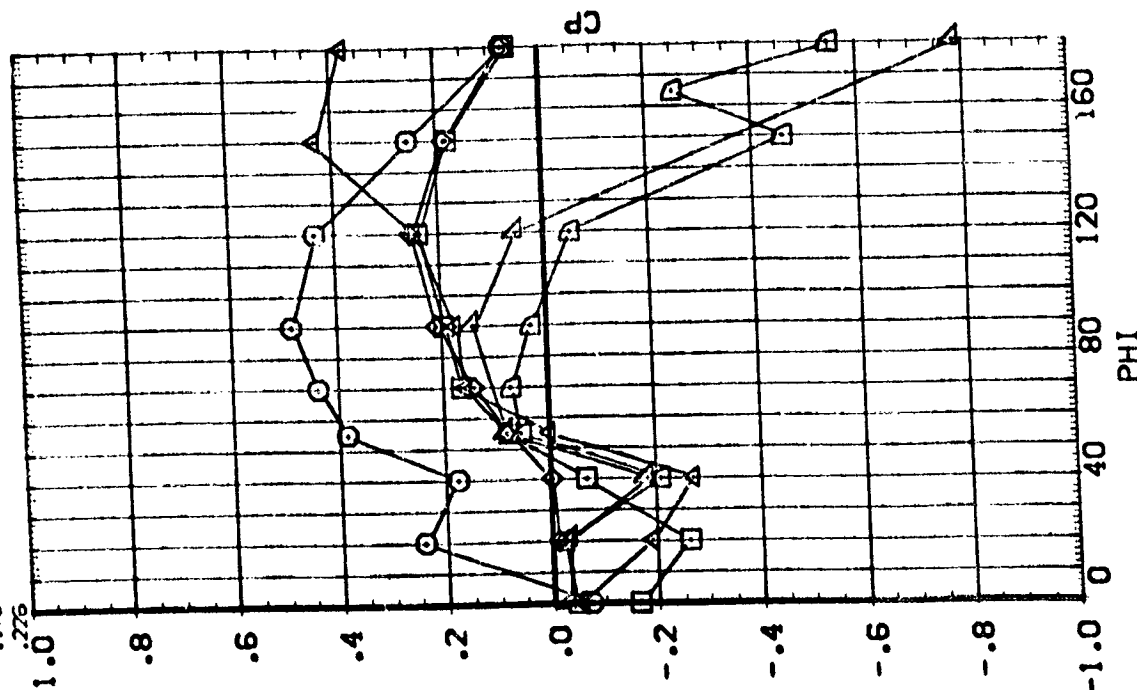
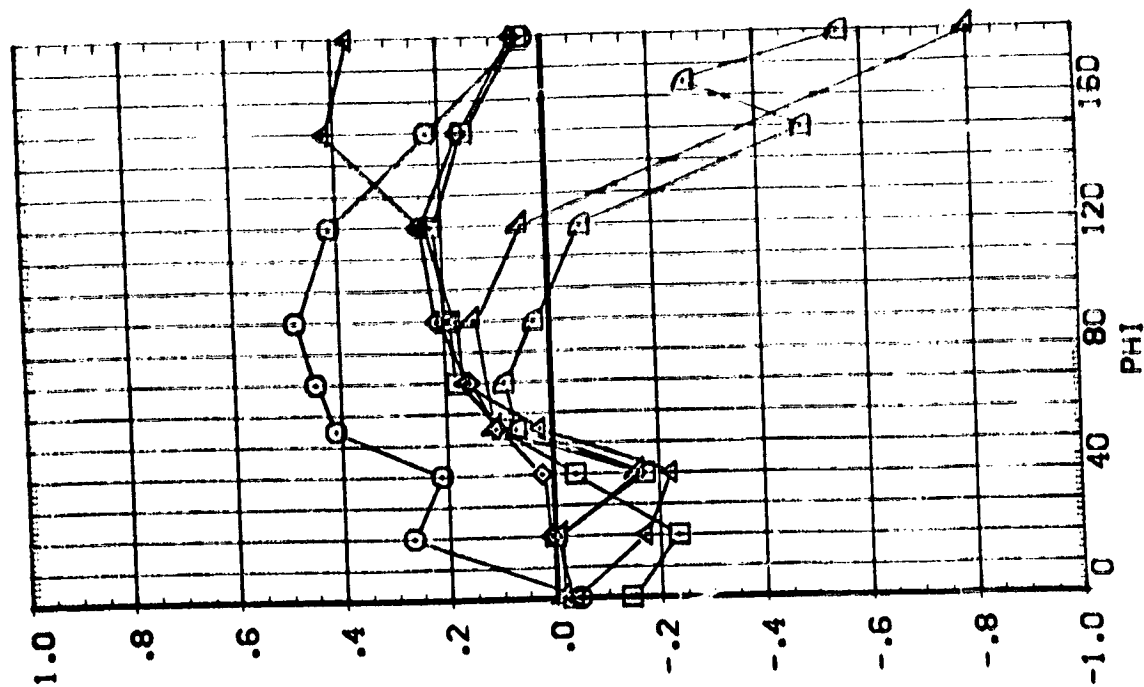
B:00537M2:1W87E:8V5R5G: LEFT FUSELAGE

SYNCH

X/L  
0.019  
0.034  
0.060  
0.136  
0.173  
0.276

A. PMA BETA  
0.030 -10.000  
1.000

PARAMETRIC VALUES  
ELEVTR 0.000 RUDDER 0.000  
RJOFLR 40.000 FLAP -10.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



8:00507M2:187E:8VSR5G: LEFT FUSELAGE

(RDLB01)

SYNCS

X/L

.77:

.370

.395

.512

.663

.738

ALPHA

.030

1.000

BETA

-10.560

PARAMETRIC VALUES

ELEVTR

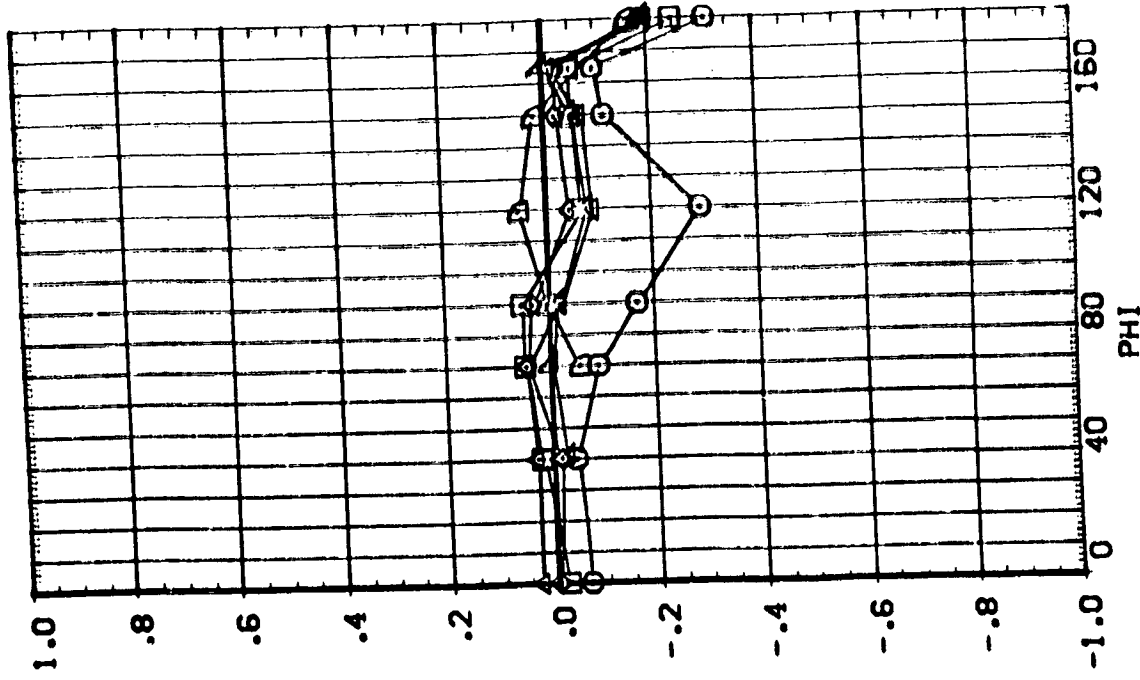
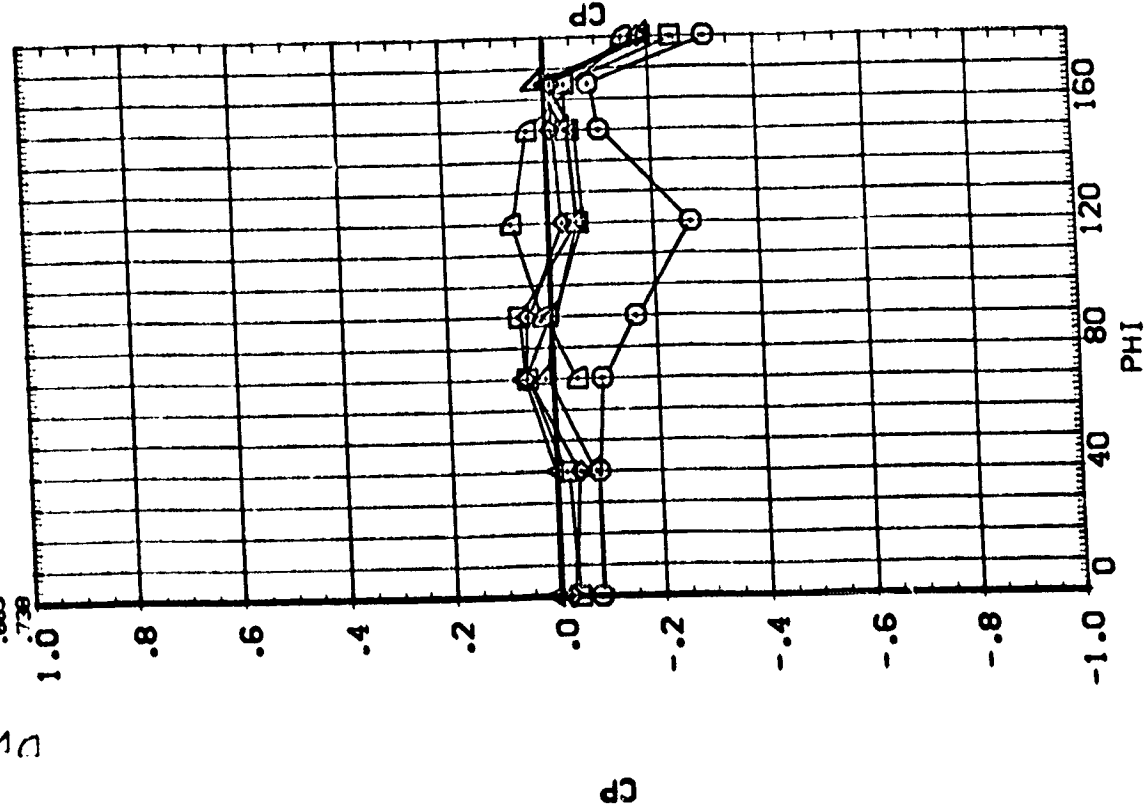
.000

RUDER

.000

FLAP

-18.000



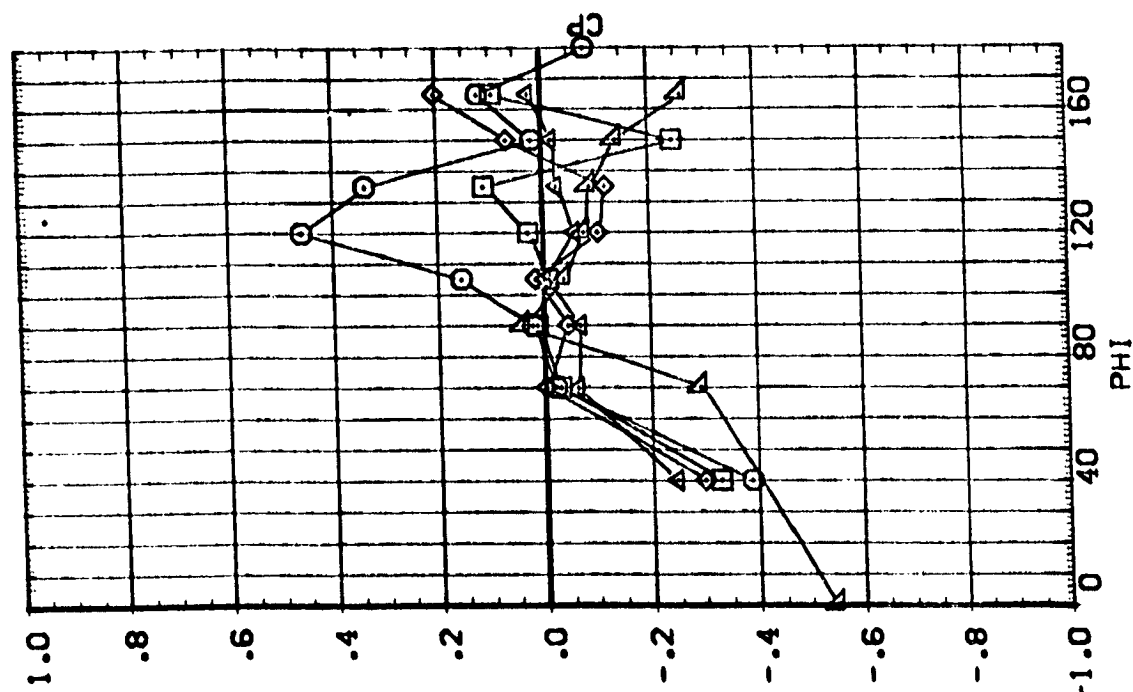
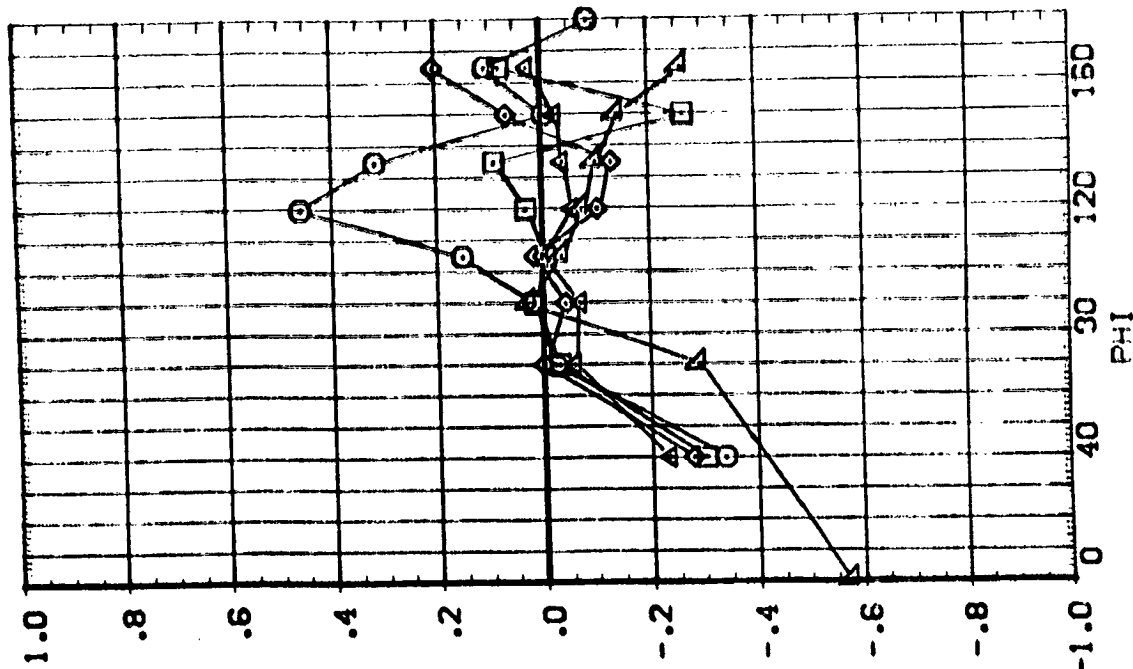


B:0050/M2F1W87E18V5R5G: LEFT FUSELAGE

(ROL801)

SYMBOL X/L ALPHA BETA  
 O .787  
 □ .828  
 ◇ .865  
 △ .926  
 ▽ .964

PARAMETRIC VALUES  
 ELEVTR .000  
 RUJFLR 45.000  
 RUJDER .000  
 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



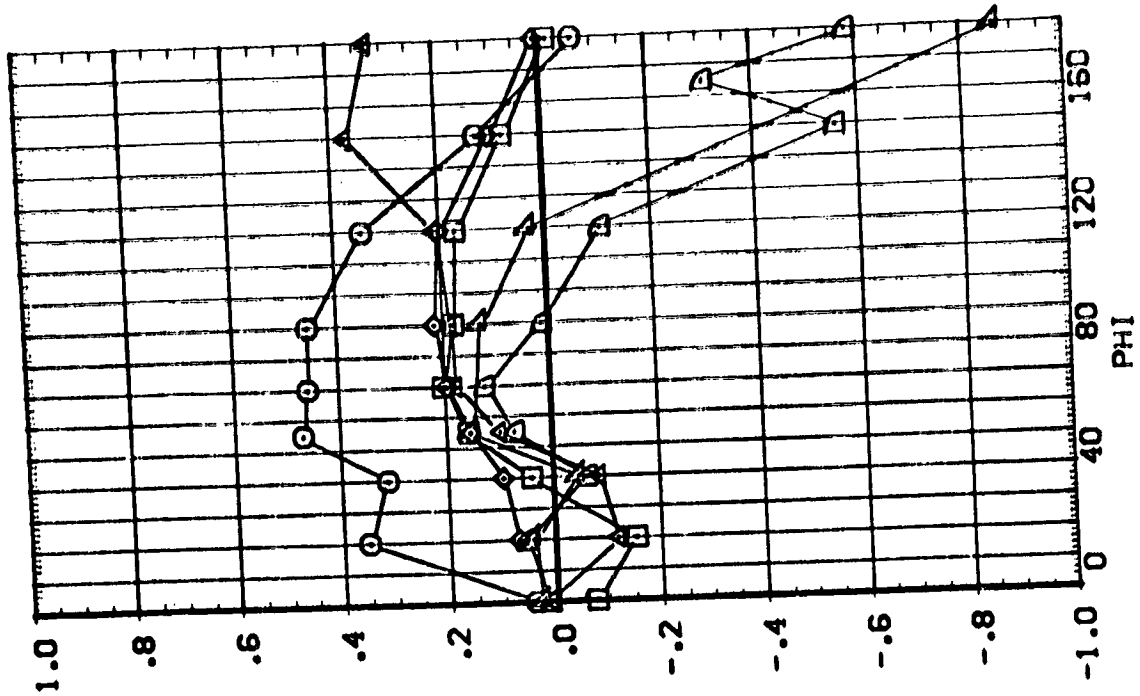
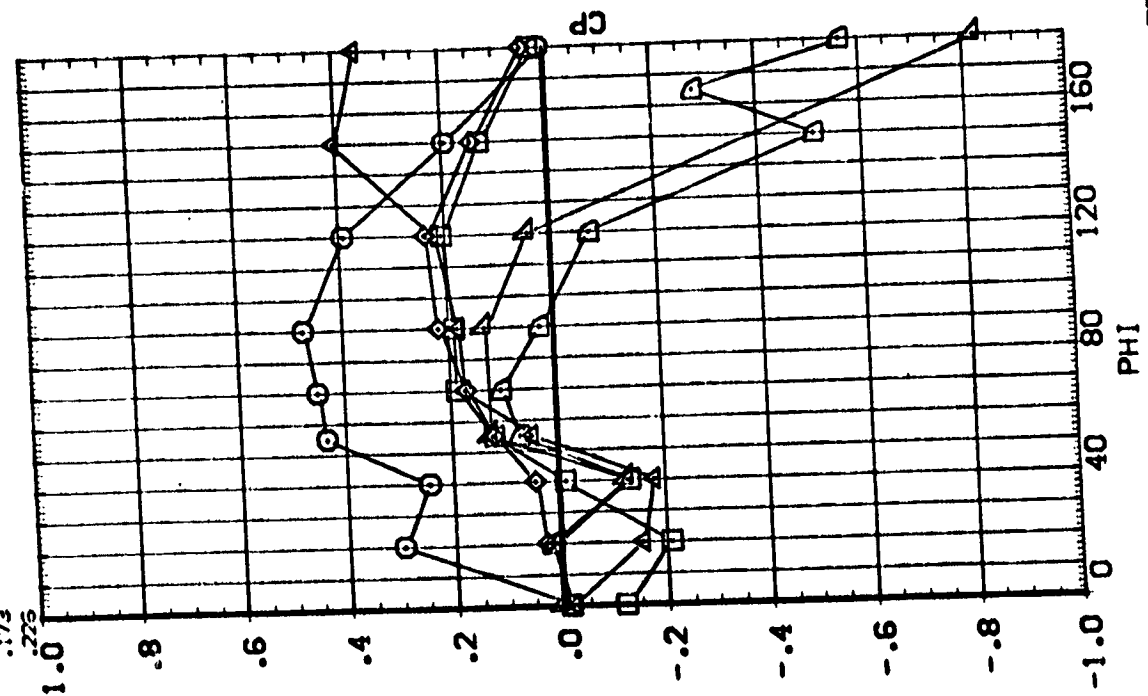
B:00507M2:1W8/E18V5R5G: LEFT FUSELAGE

(RDLB01)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUFLE 40.000 FLAP -18.000

SYSC-0110447  
X/L .019  
.034  
.050  
.136  
.173  
.226

ALPHA 1.950  
BETA -10.100  
4.050



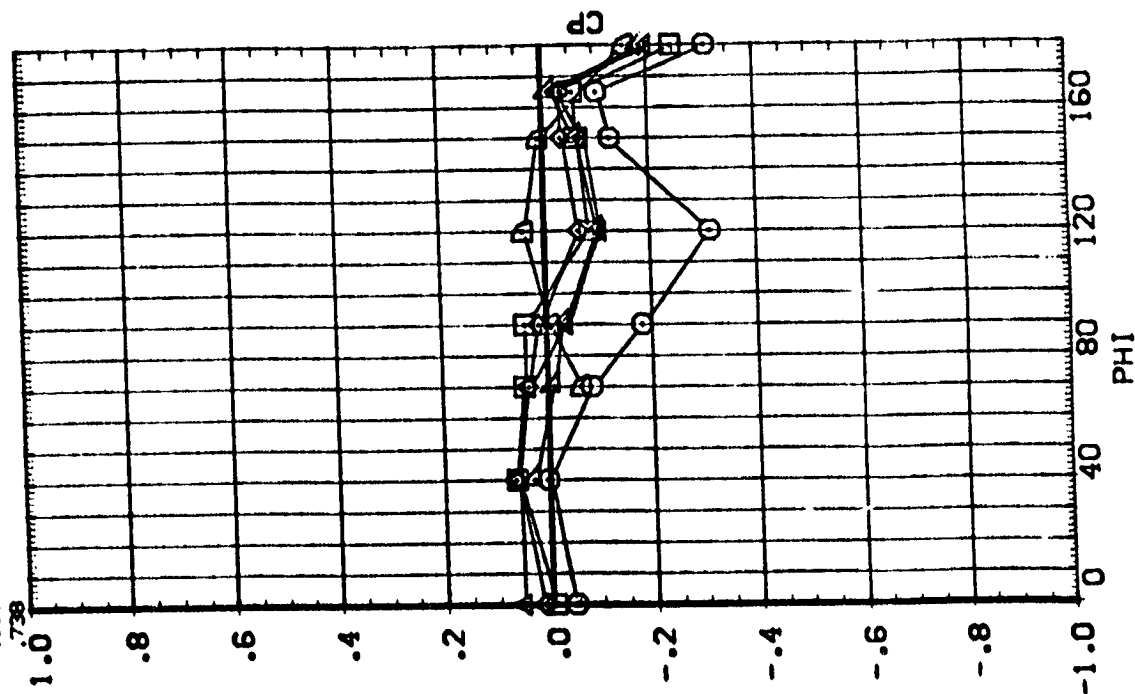
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
PAGE 2:7

≡

B:CCUJ7M2F:W87E18VSR5G1 LEFT FUSELAGE

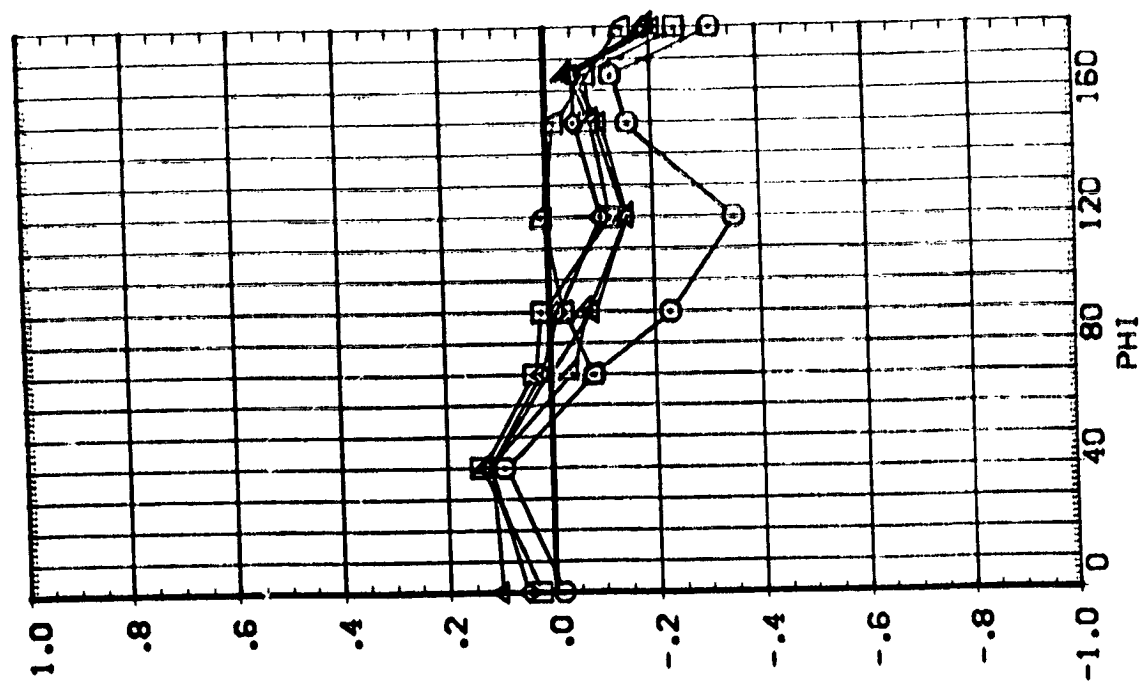
SYNCD  
0110447

X/L ALPHA BETA  
.271 1.000 -10.100  
.320 4.000  
.395  
.512  
.663  
.738



(RDLB01)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDDLR 40.000 FLAP -10.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

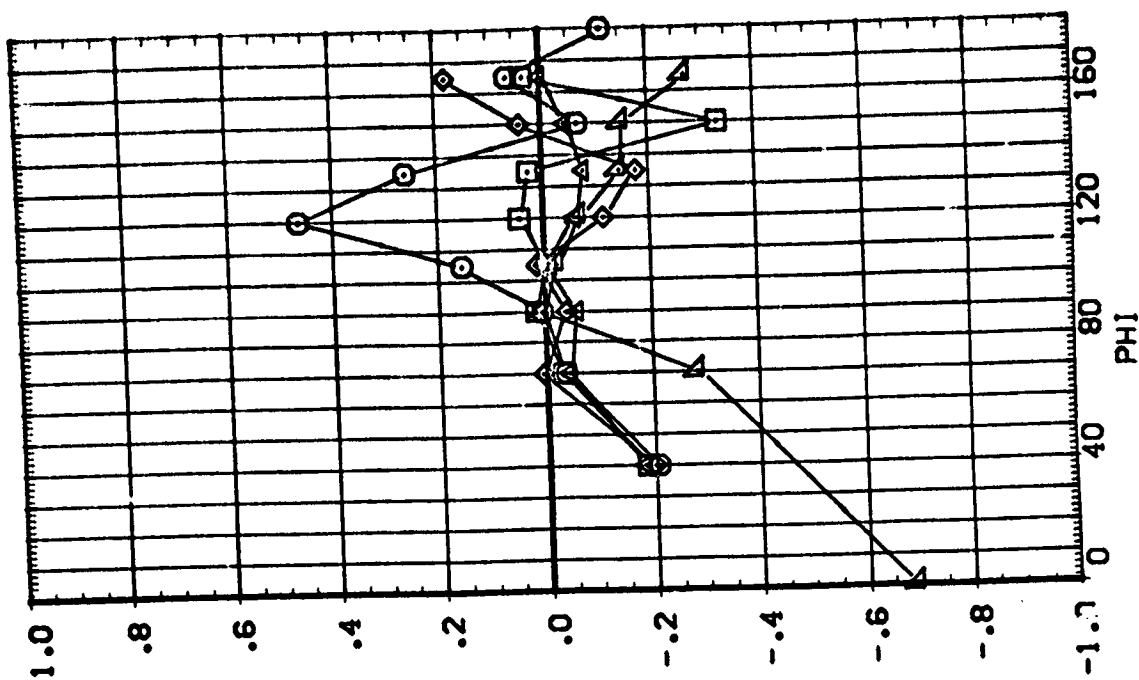
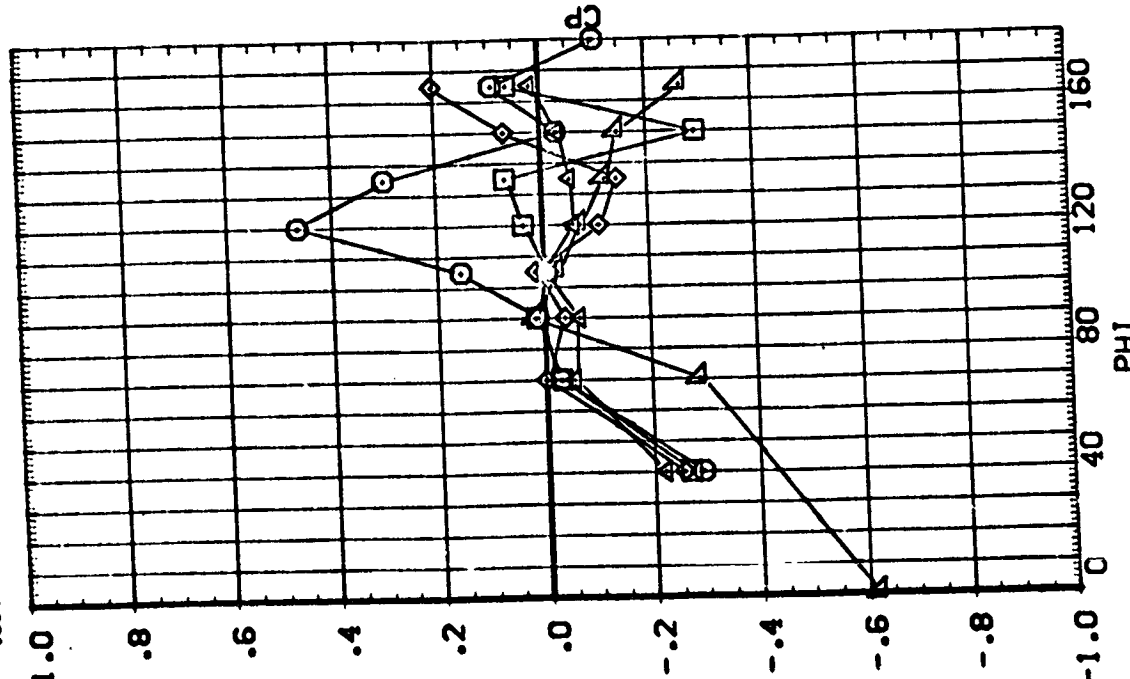


B:005072F1W871:8V5R5G1 LEFT FUSELAGE

(RDLB01)

PARAMETRIC VALUES  
ELEVTR .000 RLODER .000  
RLOFLR 40.000 FLAP -18.000

SYNTH  
X/L .787  
.828  
.885  
.926  
.964  
A. 1.990  
B. 1.000  
C. 4.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

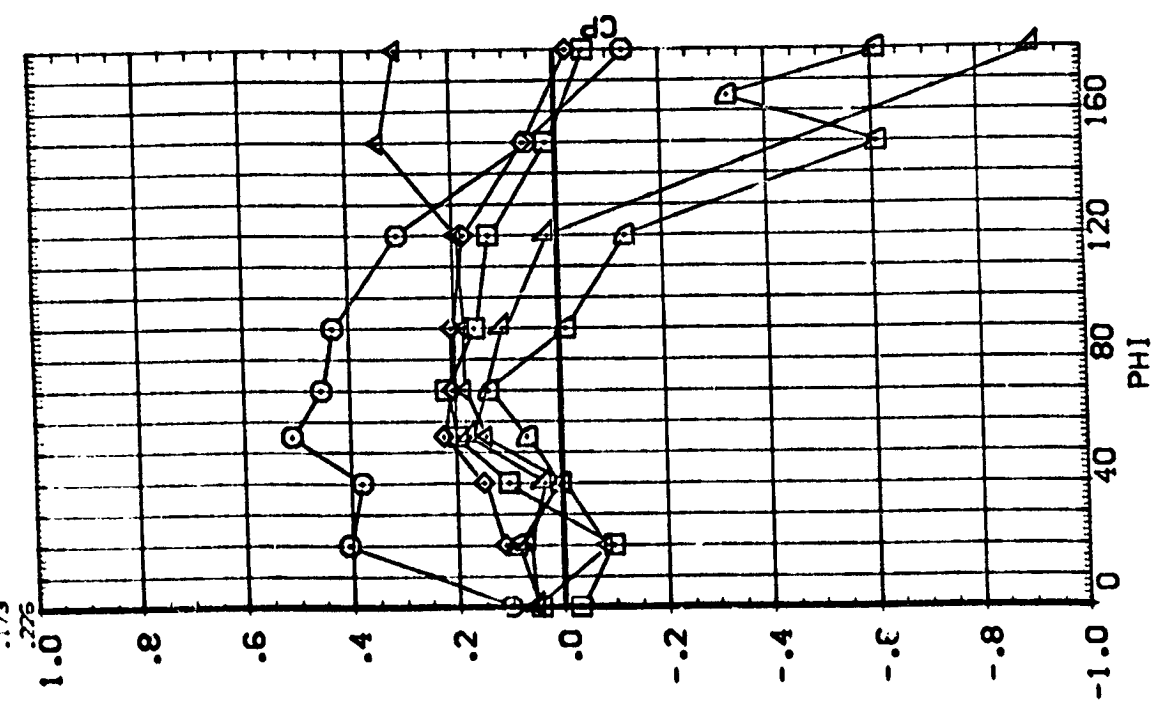
3100007V2F:W87E18V5R5G: LEFT FUSELAGE

SYMBOL  
O  
◇  
△  
▽  
□  
△

ALPHA  
6.100  
8.170

BETA  
-10.050

X/L  
.019  
.034  
.050  
.060  
.073  
.086



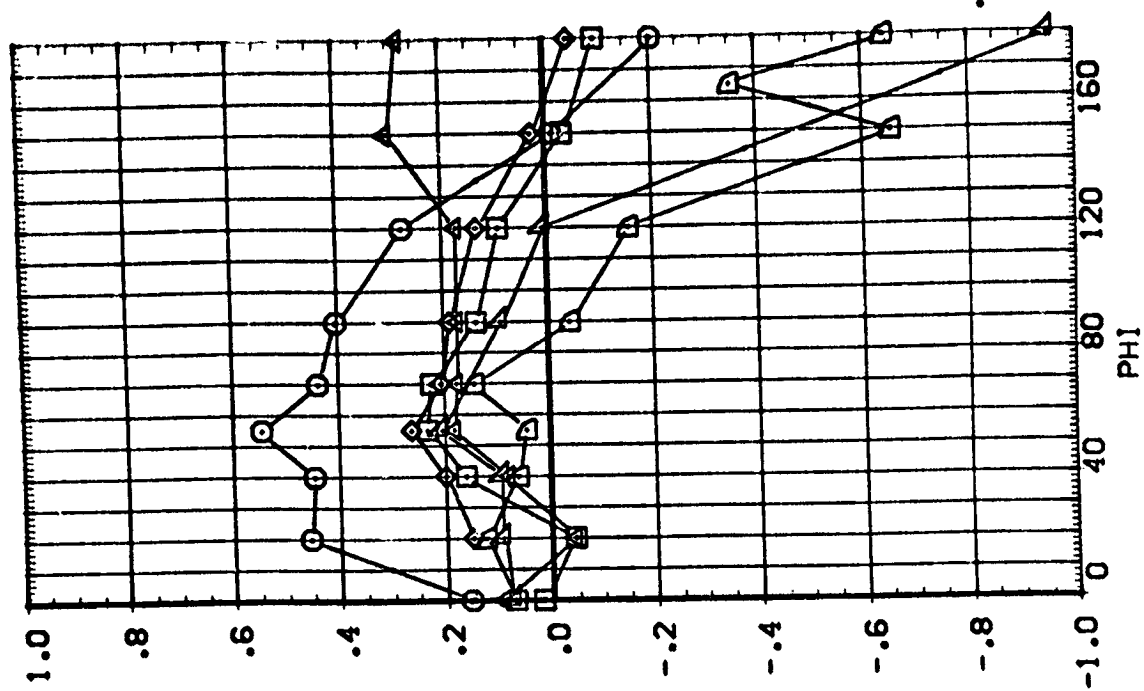
(RDLB01)

PARAMETRIC VALUES  
ELEVTR  
RUDFLR

.000  
40.000

RUDR  
FLAP

.000  
-18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

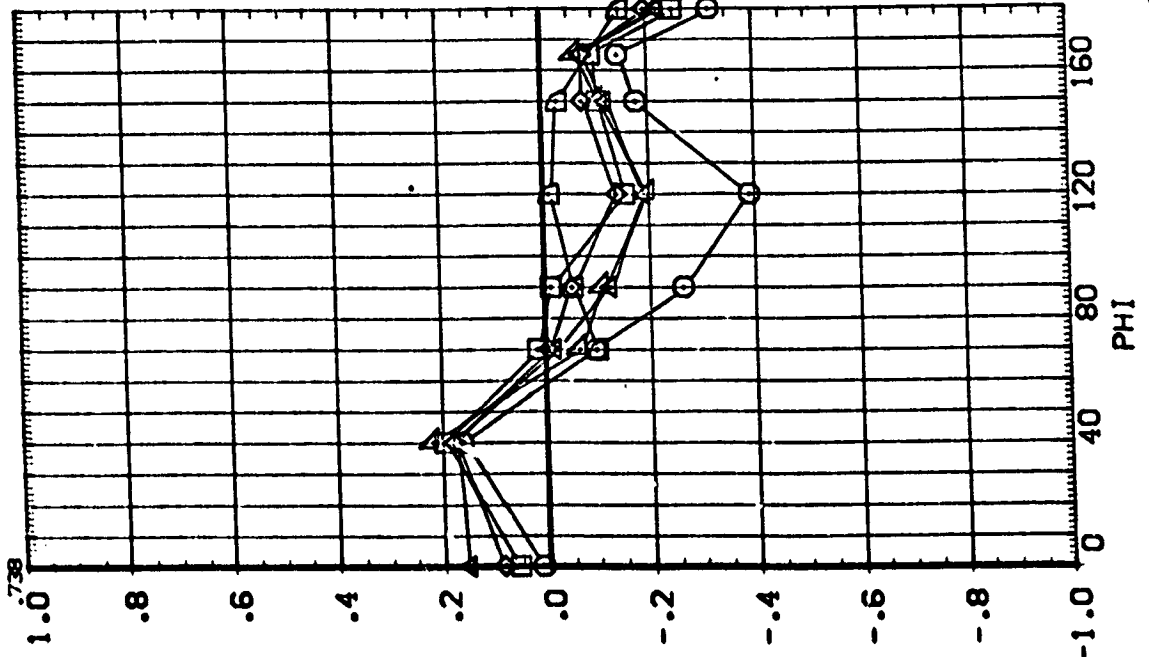
PAGE 220



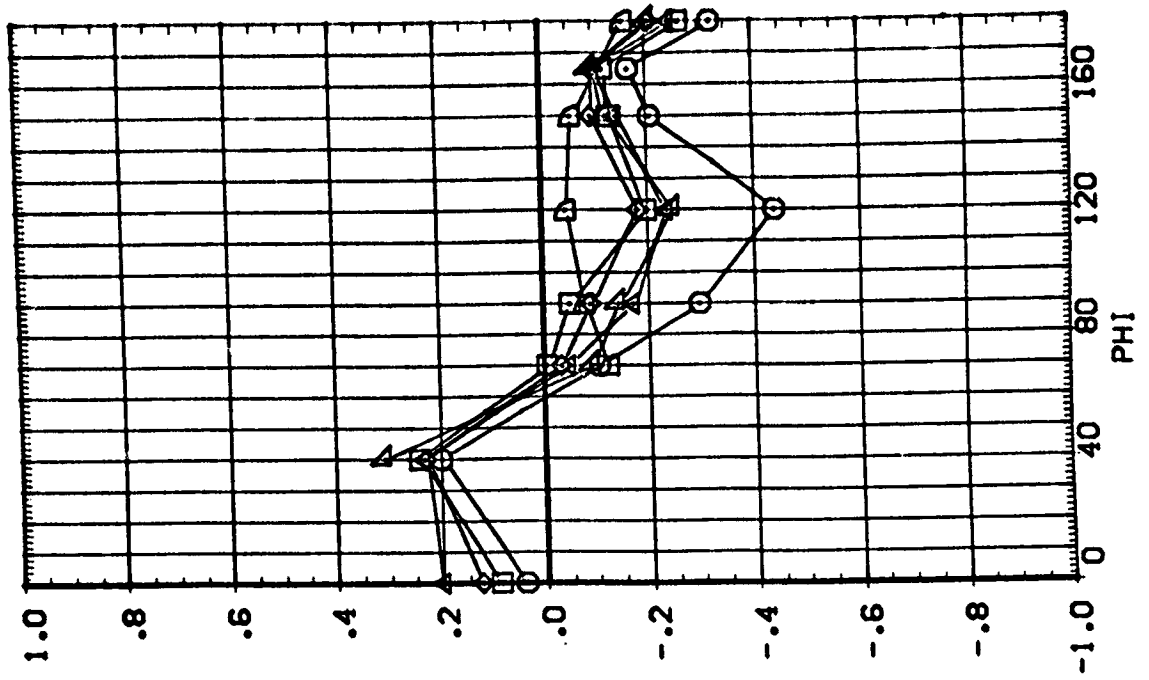
3100507M2F:W87E:8V5R5G1 LEFT FUSELAGE

(RDLB01)

SYMBOL X/L ALPHA BETA  
 1 0.271 6.100 -10.050  
 2 0.320 8.170  
 3 0.365  
 4 0.512  
 5 0.553  
 6 0.738



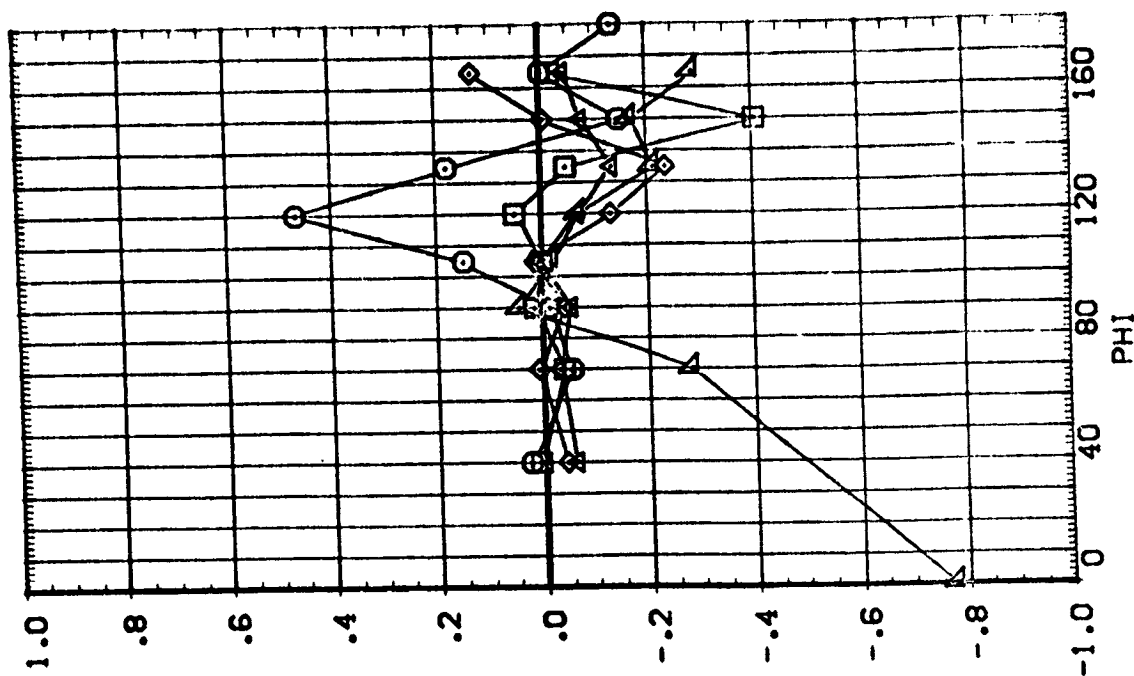
PARAMETRIC VALUES  
 ELEVTR .000  
 RUDDER .000  
 RUOFLR 40.000  
 FLAP -18.000



30-9677WZ : W87 : 18VSRSG: LEFT FUSELAGE

PARAMETRIC VALUES	
.000	RJODR
40.000	FLAP
	-18.000
	.000

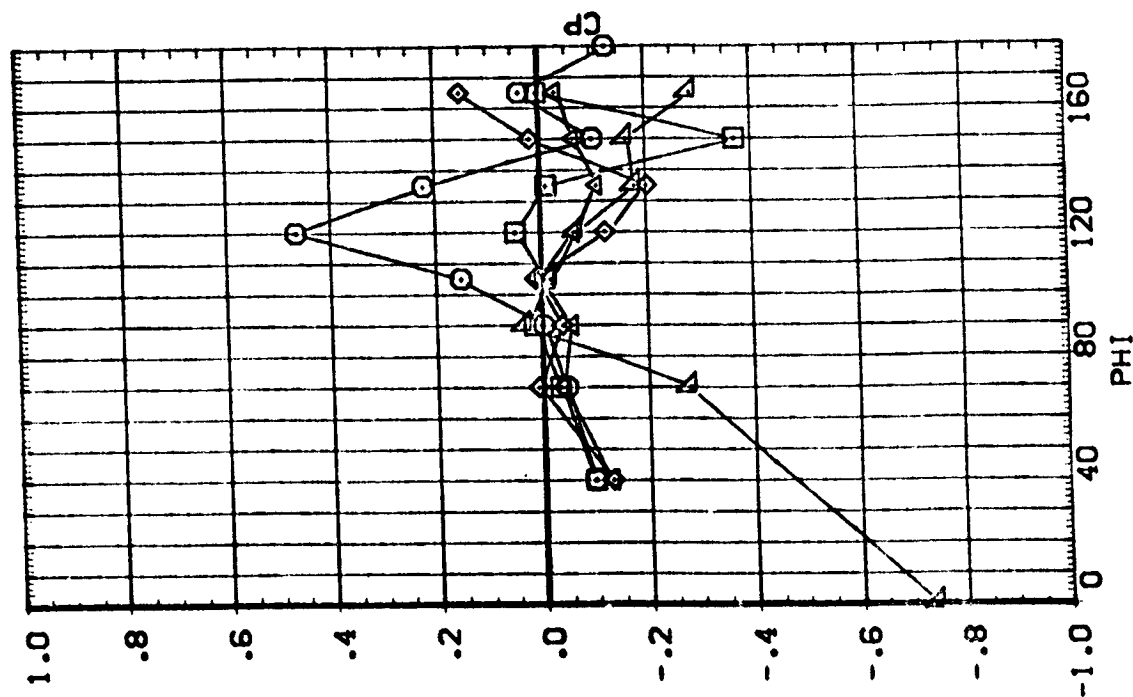
ELEVTR  
RUDFLR



PHI

PHI  
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

PAGE 222



**PHI**

PHI  
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

PAGE 222

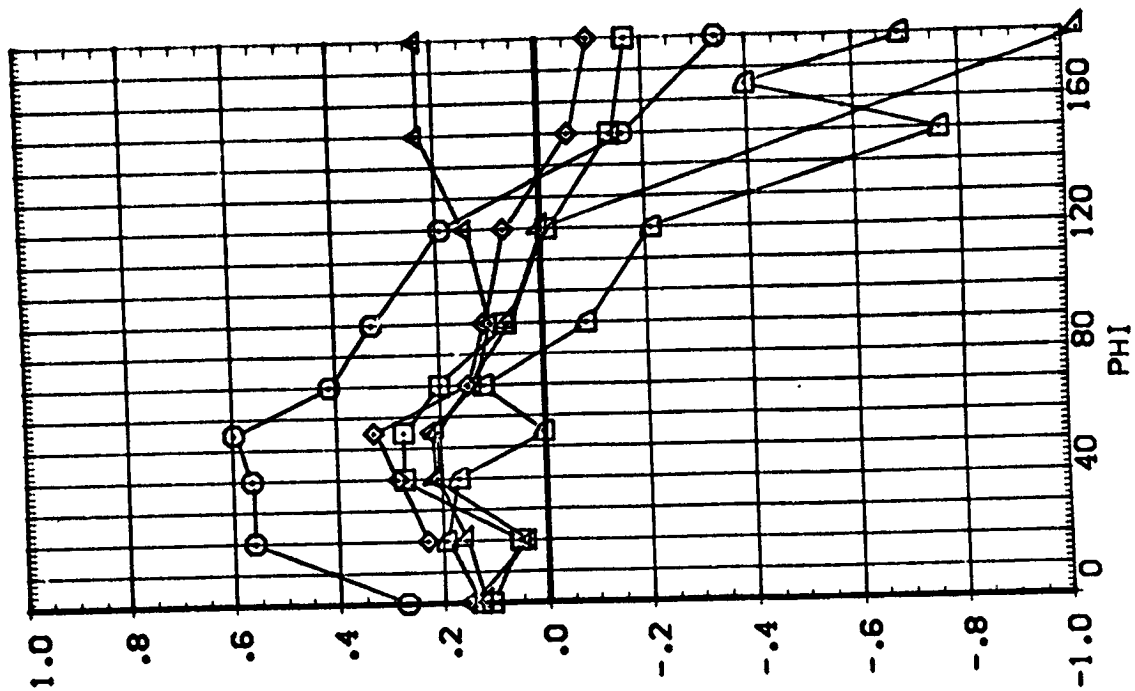
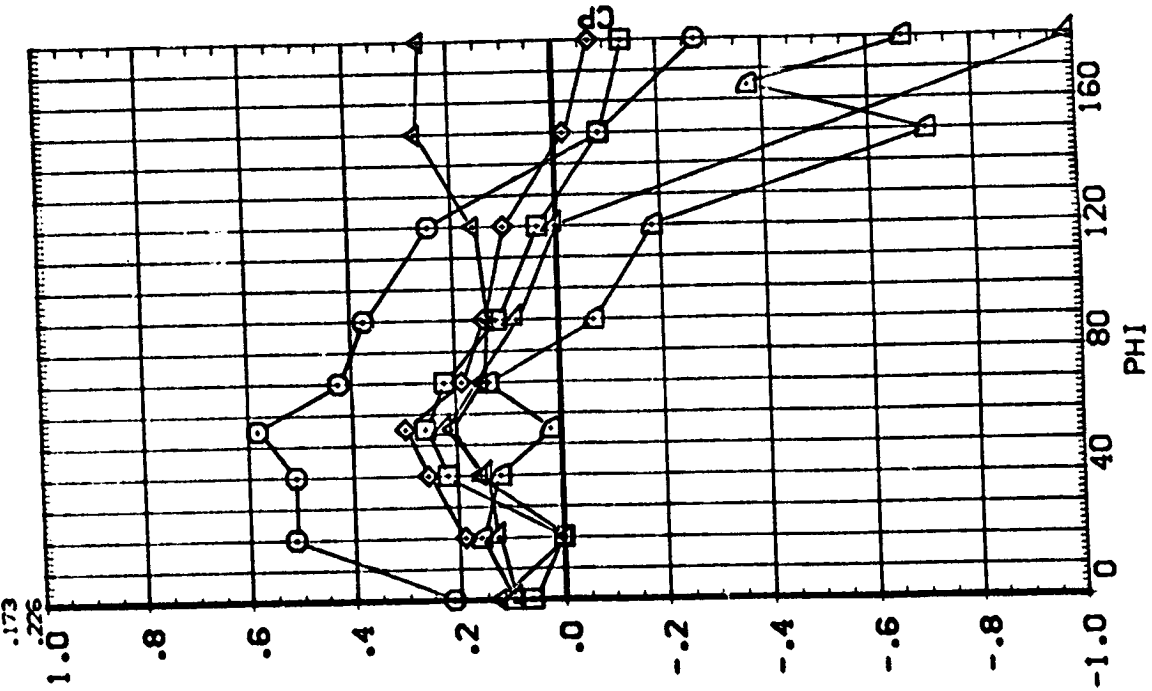


B1005D7M2F1W8/E18V5R5G1 LEFT FUSELAGE

(RDLB01)

SYMBOL X/L ALPHA BETA  
 .019 .0130 -10.030  
 .034 .034  
 .060 .060  
 .136 .136  
 .173 .173

PARAMETRIC VALUES  
 ELEVTR .000  
 RUDDER .000  
 FLAP -18.000





(RDLB01)

3:00507Y2:W87E:8VSR5G: LEFT FUSELAGE

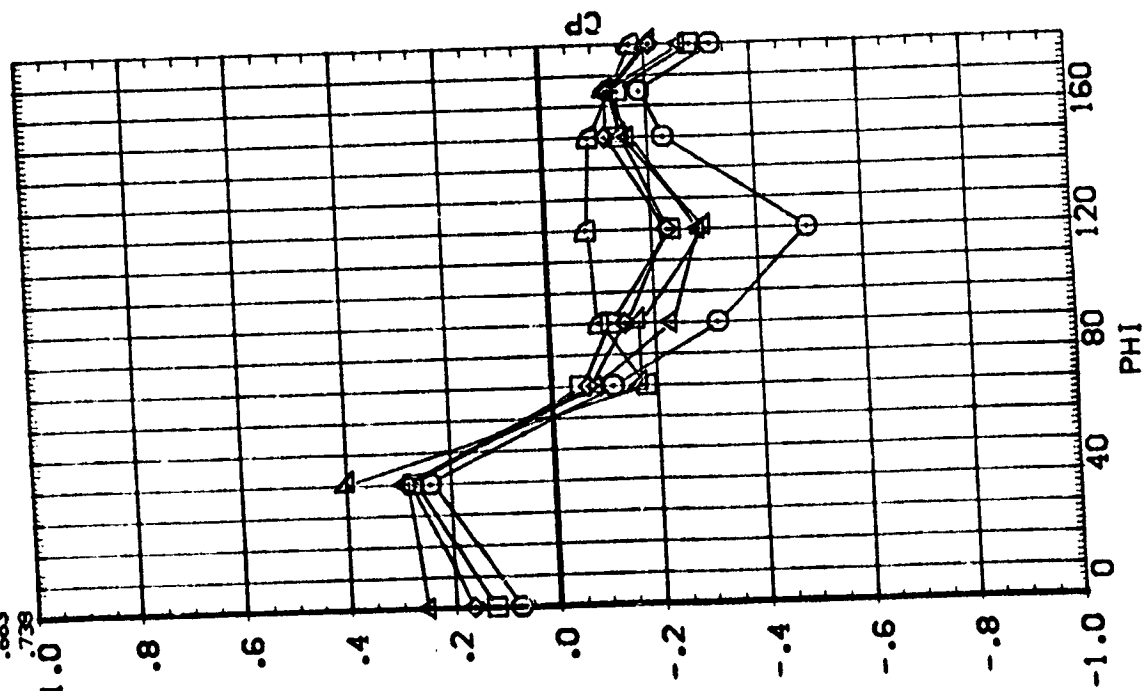
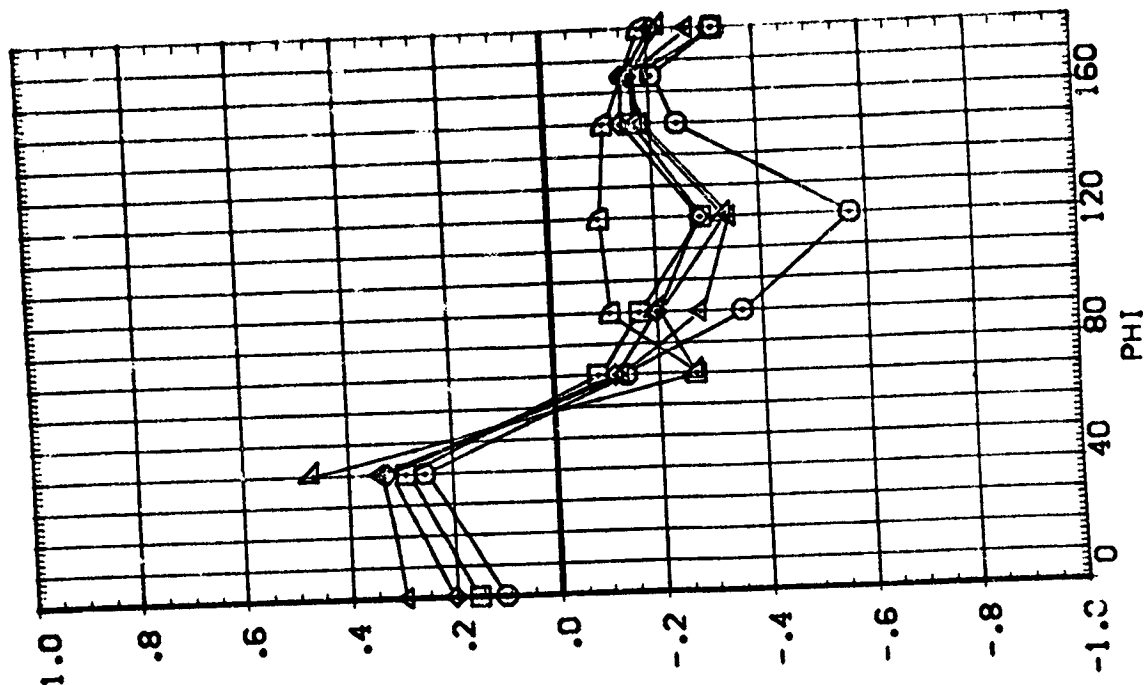
SYMBOL  
◇  
▽  
□  
○  
△

X/L  
.271  
.370  
.395  
.512  
.663  
.739

ALPHA  
10.130  
12.180

BETA  
-10.030

PARAMETRIC VALUES  
ELEVTR .000  
RUDDER .000  
RJOFLR 40.000  
FLAP -10.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

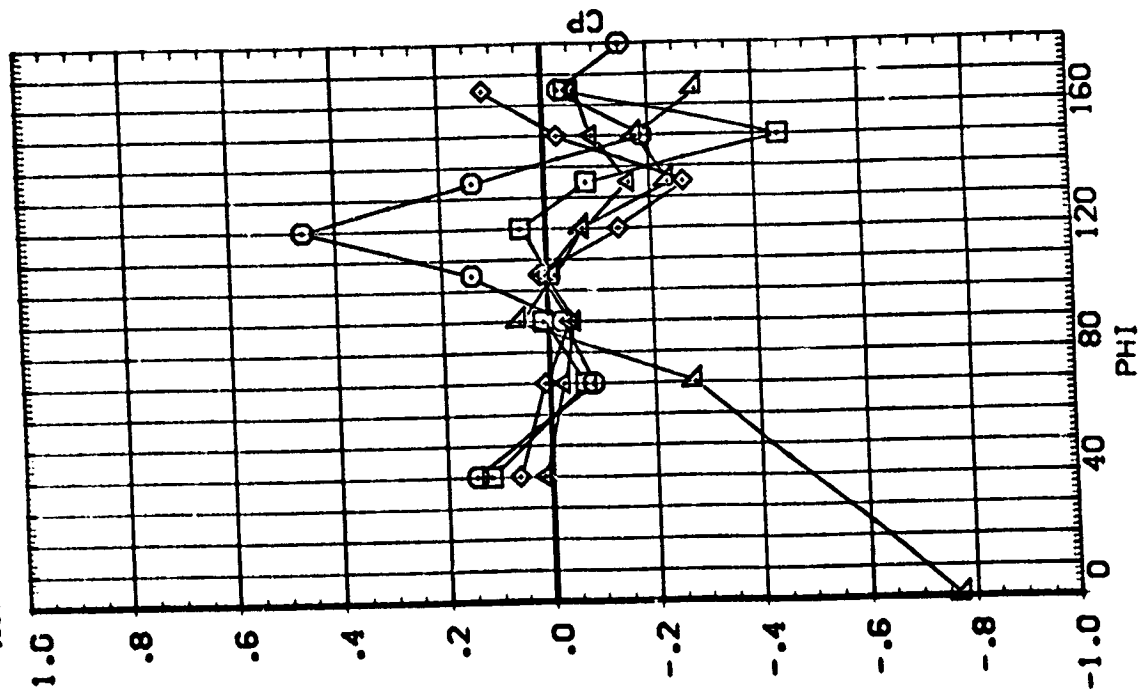
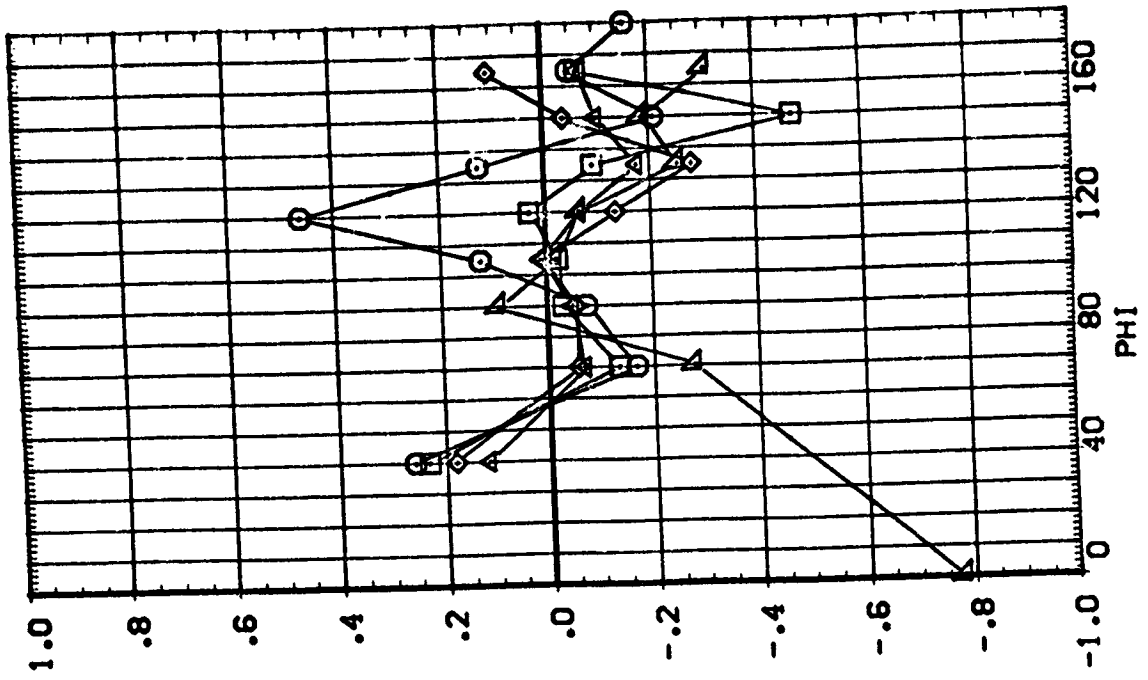


8:CC5D7M2E1W87E18V5R5G: LEFT FUSELAGE

SYMBOL X/L A/D/A BETA  
 .787  
 .878  
 .885  
 .976  
 .964

(RDL801)

PARAMETRIC VALUES  
 .000 .000 .000  
 ELEVTR RUDDER FLAP  
 40.000 -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 225

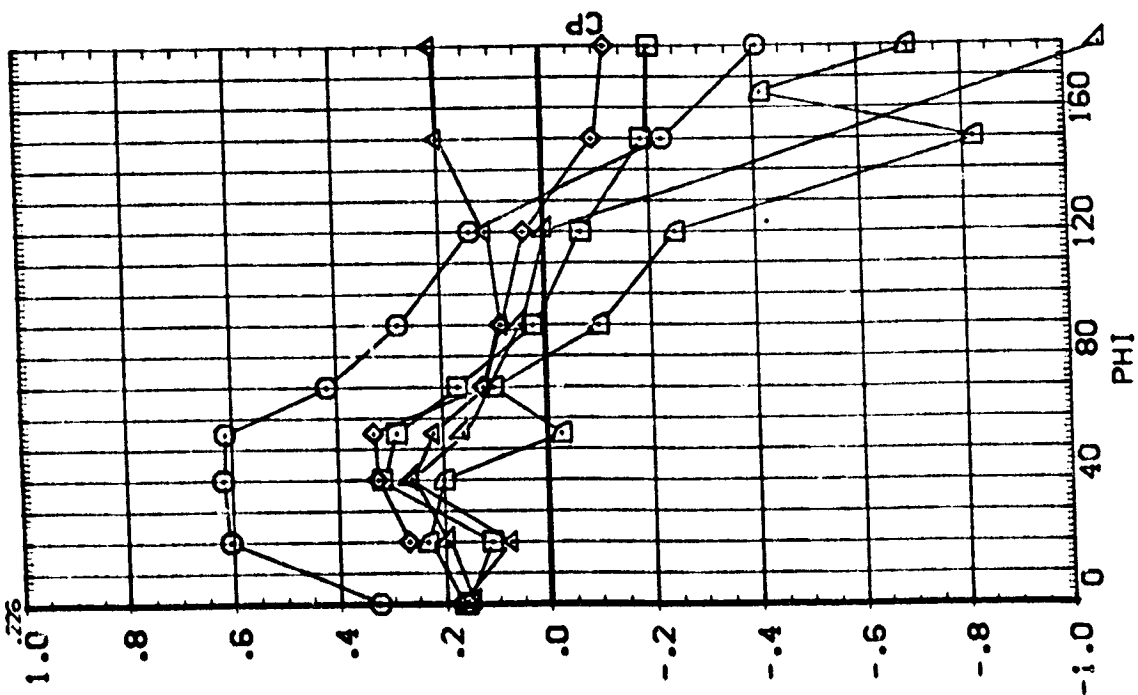
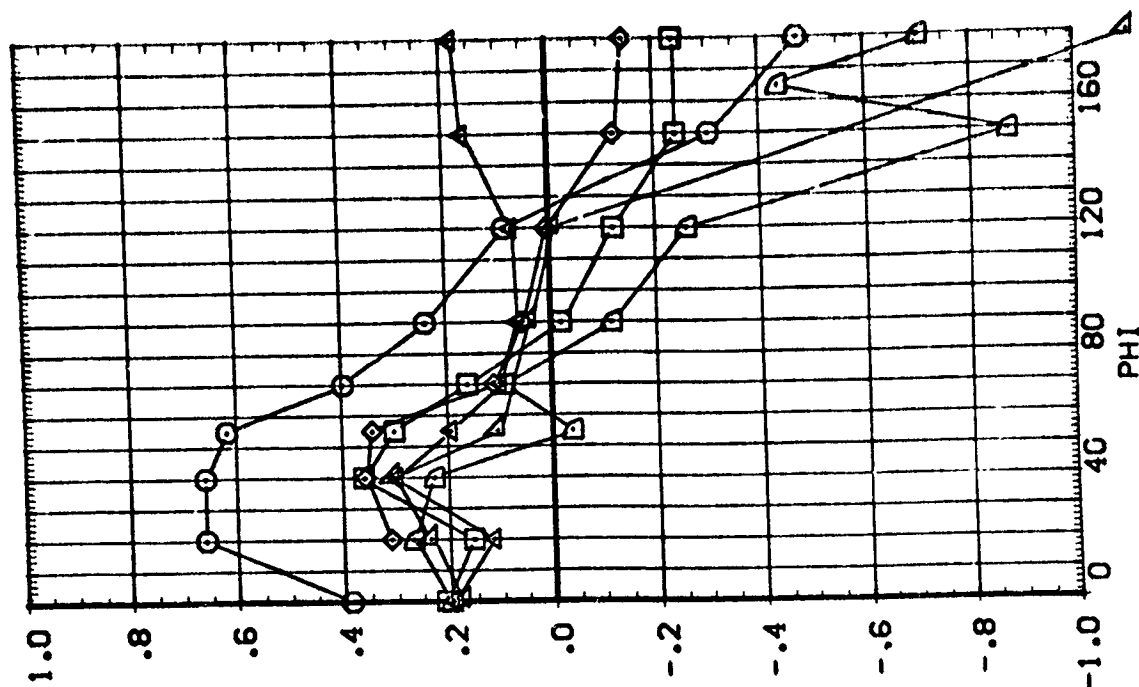
(RDLB01)

B:00500/M2F:487E:8VSR56: LEFT FUSELAGE

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000

ALPHA BETA  
14.230 -10.050  
16.750

SYNTH  
0110447  
C:9  
.034  
.560  
.136  
.173  
.226



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



B10050/M21 1W87E18V5R5G1 LEFT FUSELAGE

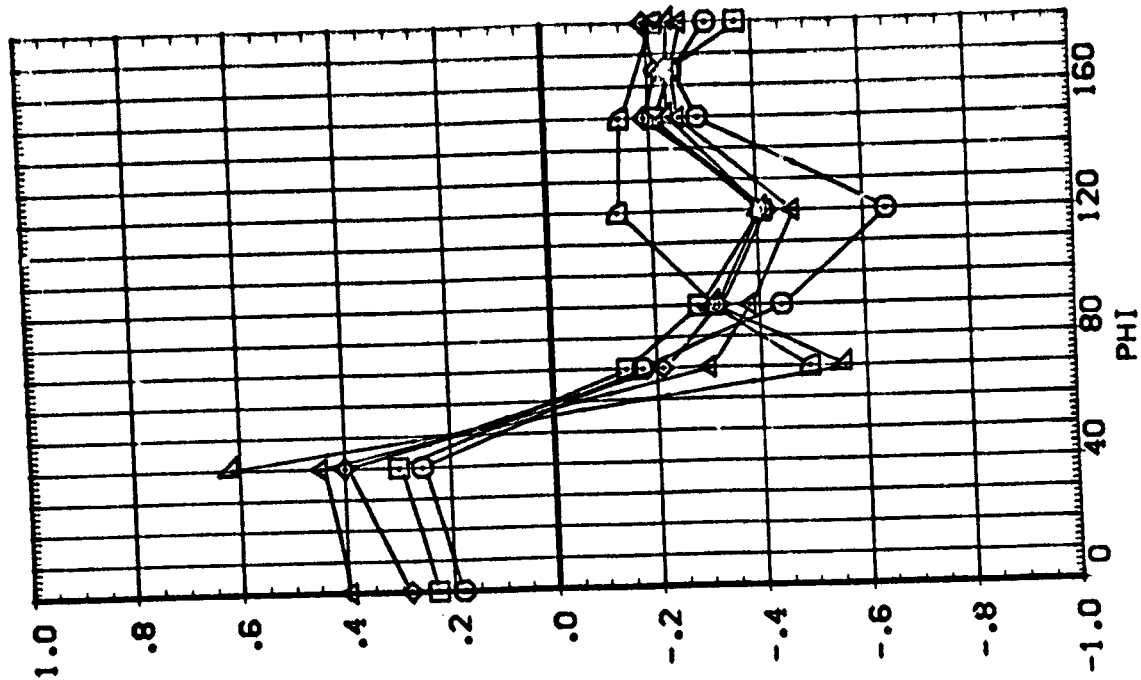
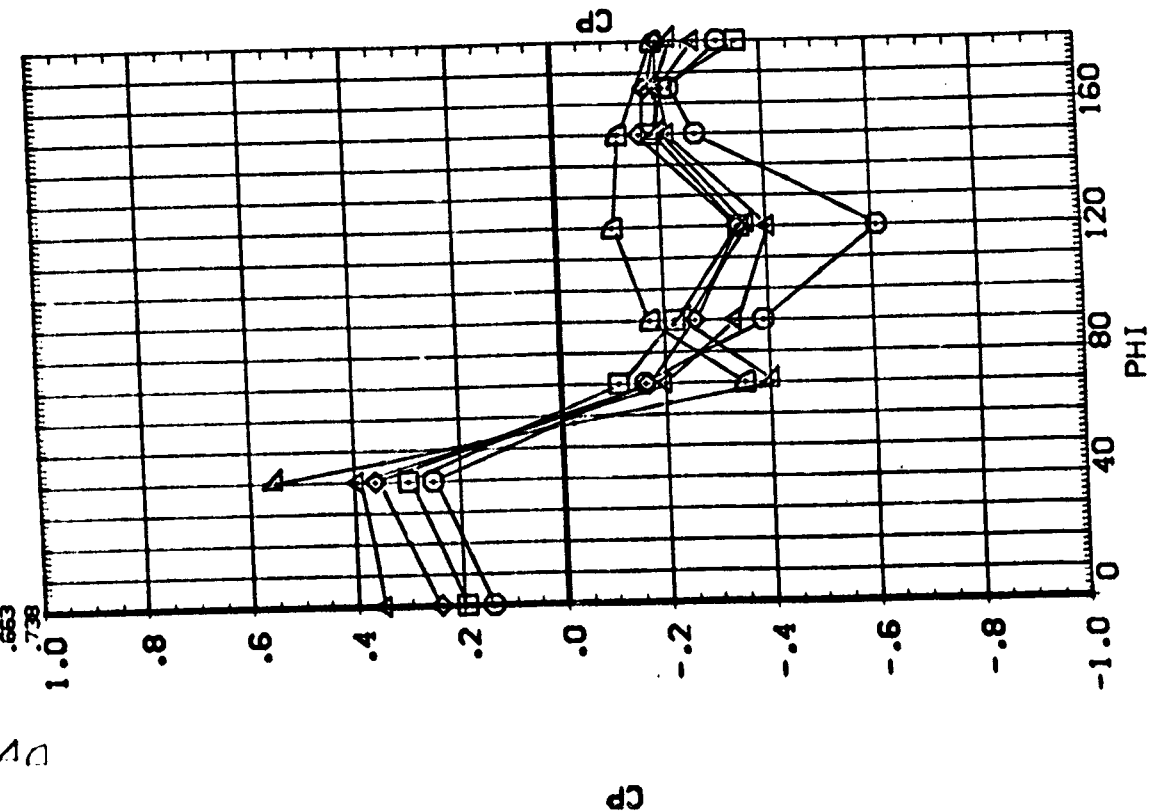
(RDLB01)

PARAMETRIC VALUES  
ELEVTR .000 RUDER .000  
RUDFLR 40.000 FLAP -18.000

SYMBOL

XL  
.271  
.320  
.395  
.512  
.663  
.738

ALPHA BETA  
14.730 -10.050  
16.750



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

(RDLB01)

B10C5D7M2E1W87E18V5R5G1 LEFT FUSELAGE

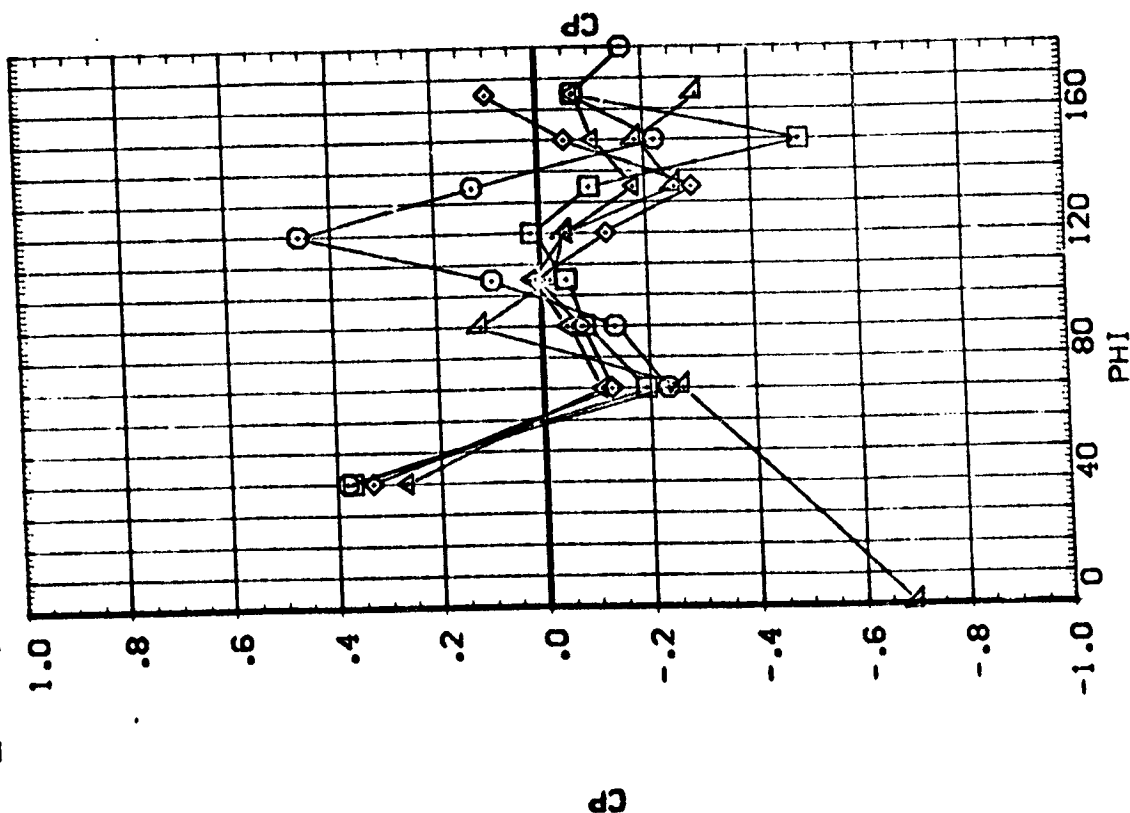
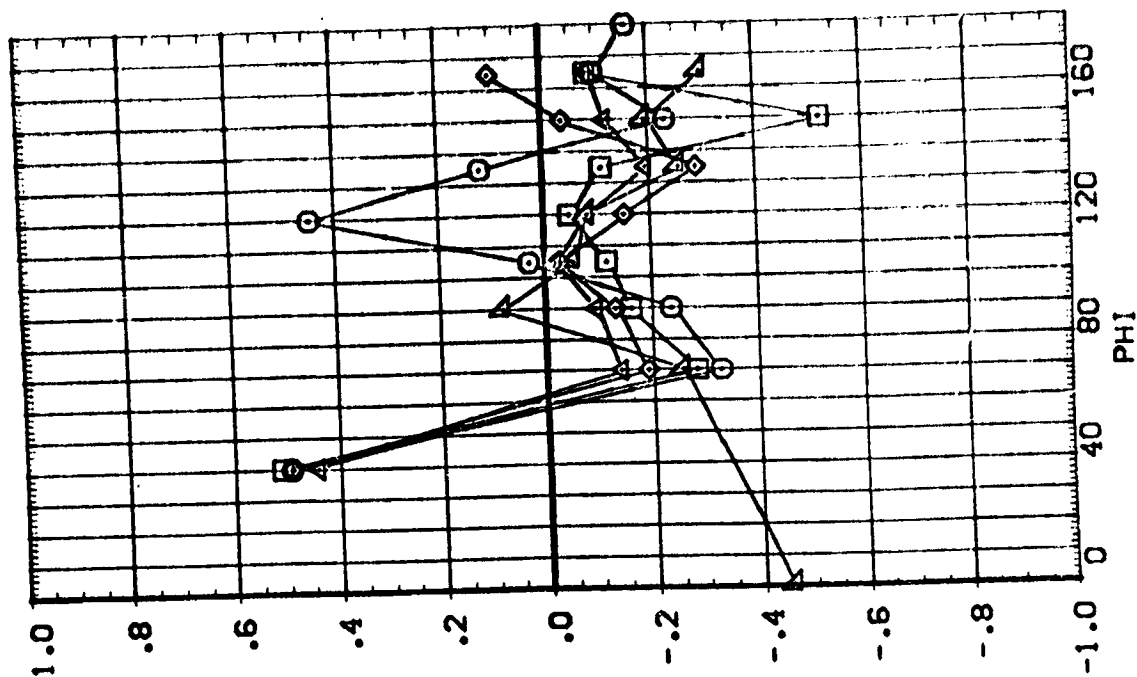
SYMBOL  
X/L  
Y/L  
Z/L

.787  
.878  
.885  
.976  
.964

ALPHA  
14.230  
16.750

BETA  
-10.050

PARAMETRIC VALUES  
ELEVTR .000  
RUDDER .000  
RUDFLR 40.000  
FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
PAGE 228

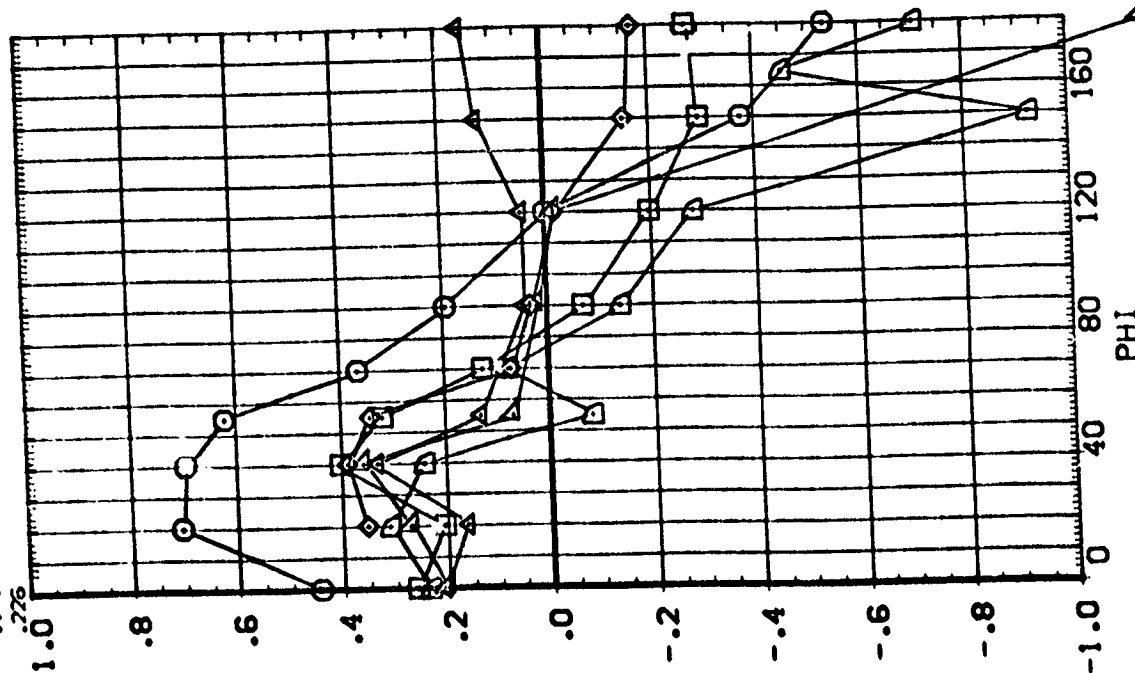


(RDLB01)

B10C507M2:1W8/1:8V5R5G1 LEFT FUSELAGE

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RJOFLR 40.000 FLAP -18.000

SYSC XL ALPHA BETA  
0110447 .019 18.260 -10.000  
.034  
.560  
.136  
.173  
.226



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

B1005072: 1871 18V5R53: LEFT FUSELAGE

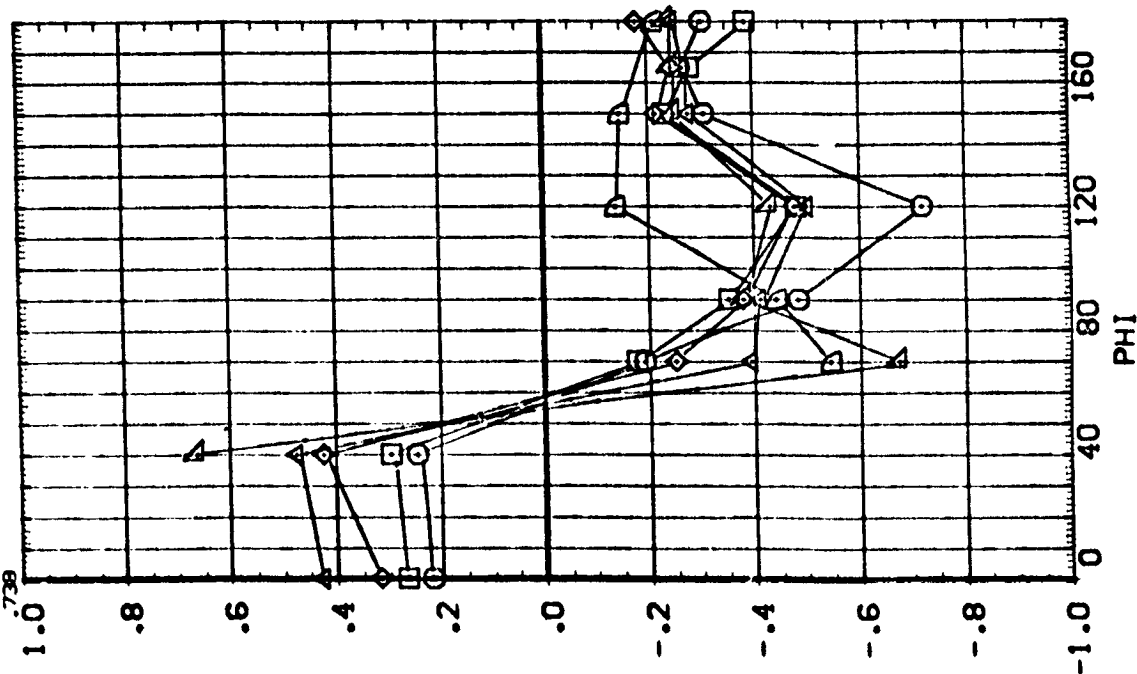
(RDLB01)

PARAMETRIC VALUES  
 .000 RUDDER .000  
 40.000 FLAP -18.000

ELEVTR  
 RJDFLR

A.P.A. BETA  
 18.263 -10.000

SY-50  
 0110470  
 X/L  
 .271  
 .370  
 .385  
 .517  
 .663  
 .738



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



(RDLB01)

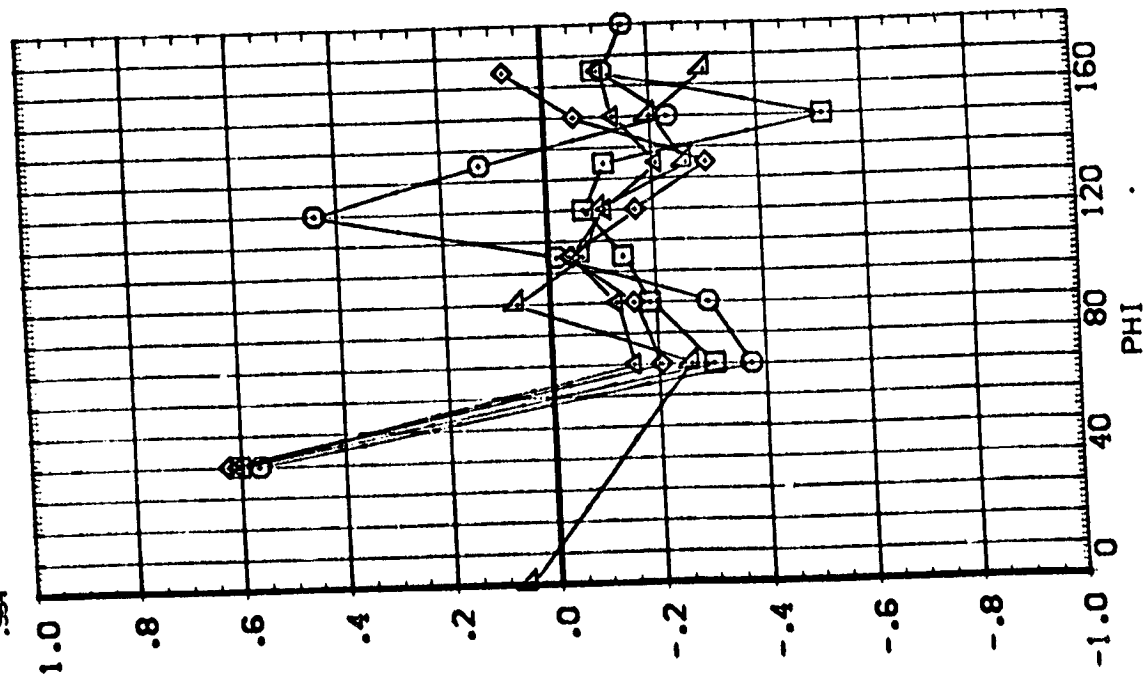
B10C5D7M2F: #87E18VSR5G1 LEFT FUSELAGE

PARAMETRIC VALUES  
 .000 RUDER .000  
 40.000 FLAP -18.000

ELEVTR  
 RUDFLR

ALPHA BETA  
 :8.263 :3.050

SYMBOL  
 X/L  
 .787  
 .878  
 .885  
 .926  
 .954

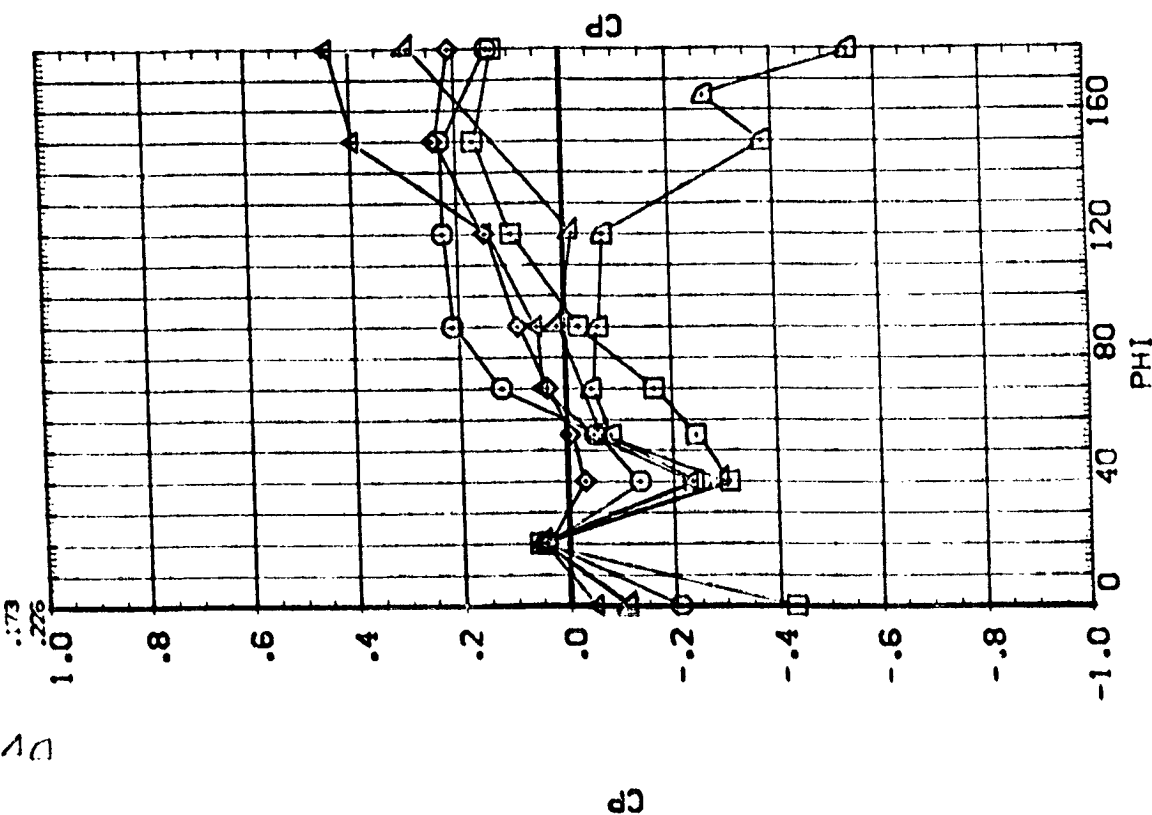


RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 23:



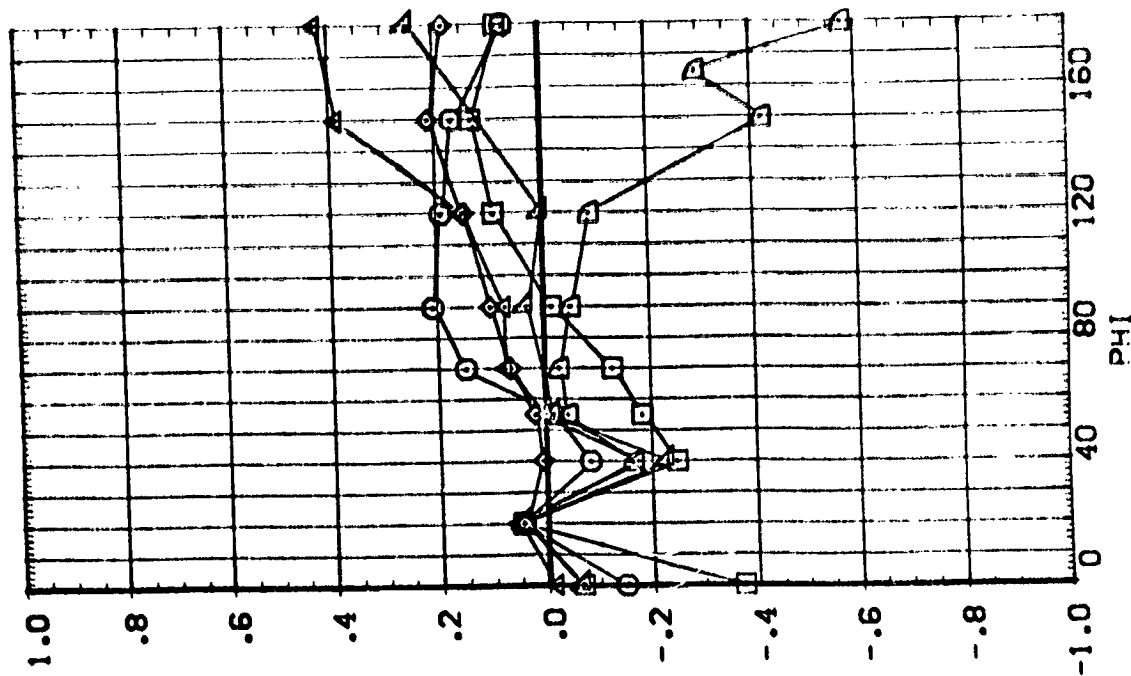
B100507M2: 1W87E18V5R5G1 LEFT FUSELAGE

SYMBOL X/L ALPHA BETA  
 0110440 .019 3.000 -5.000  
 .034 .060 .136 .173 .226



(RDLB01)

PARAMETRIC VALUES  
 ELEVTR .000 RUDER .000  
 RUDER 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE; NEUTRAL RUDDER AND ELEVATOR



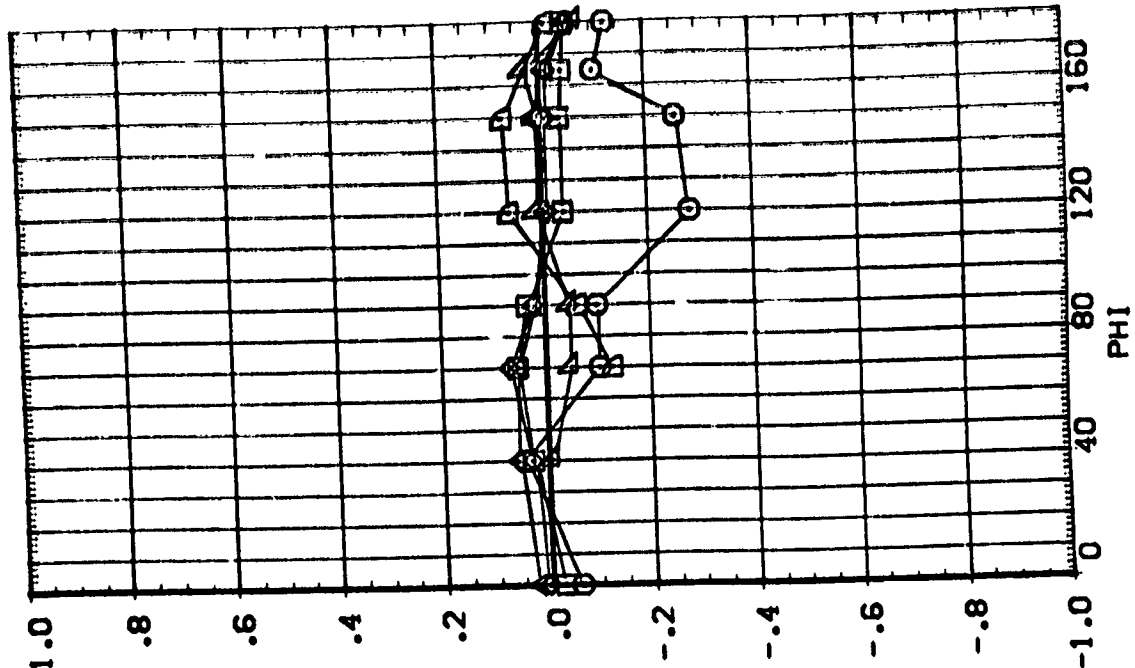
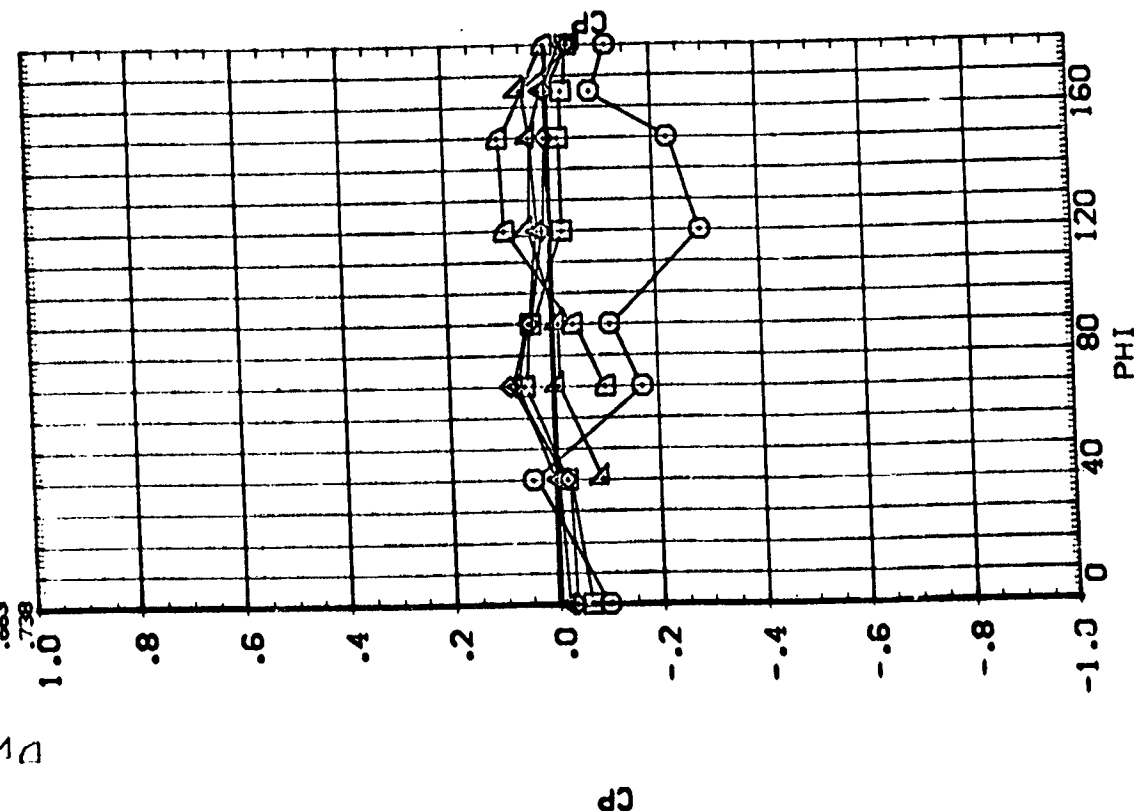
LEFT FUSELAGE

(RDLB01)

B:0C507M2:1#8/1

SYMBOL X% ALPHA BETA  
 .271  
 .370  
 .395  
 .517  
 .663  
 .738

PARAMETRIC VALUES  
 ELEVTR .000  
 RUDDER .000  
 FLAP -10.000



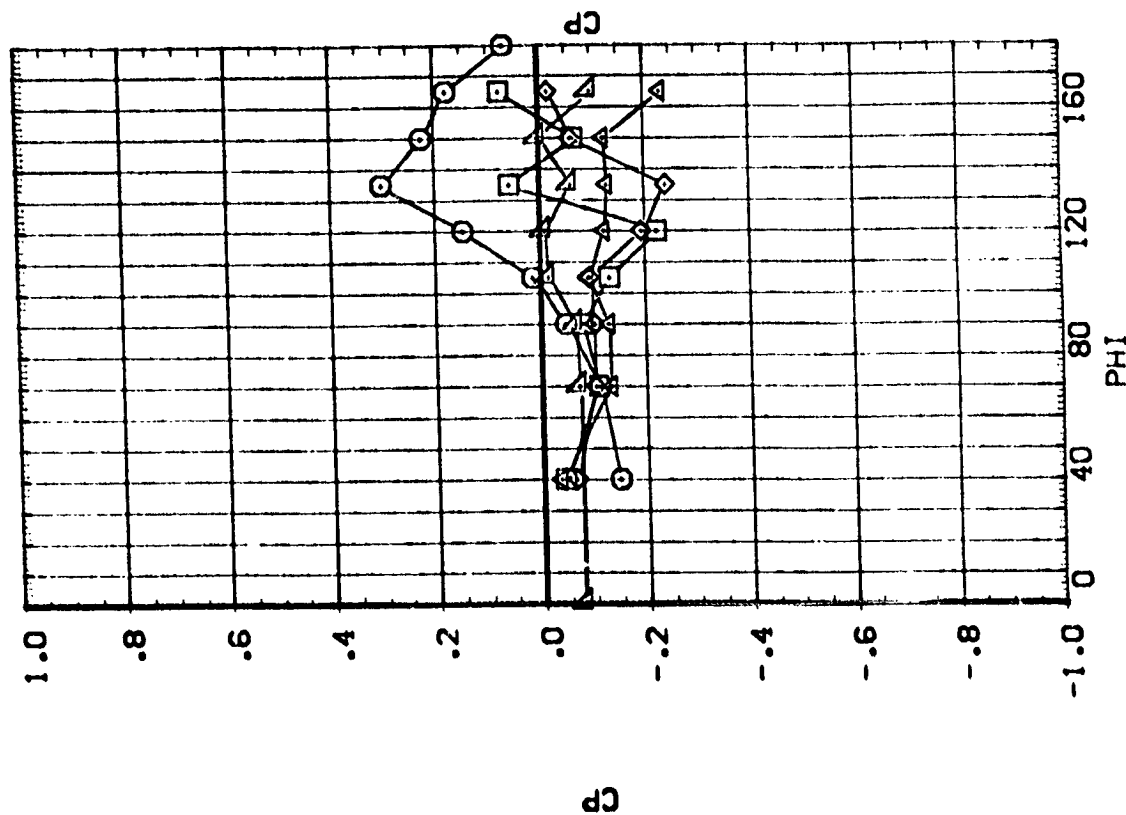
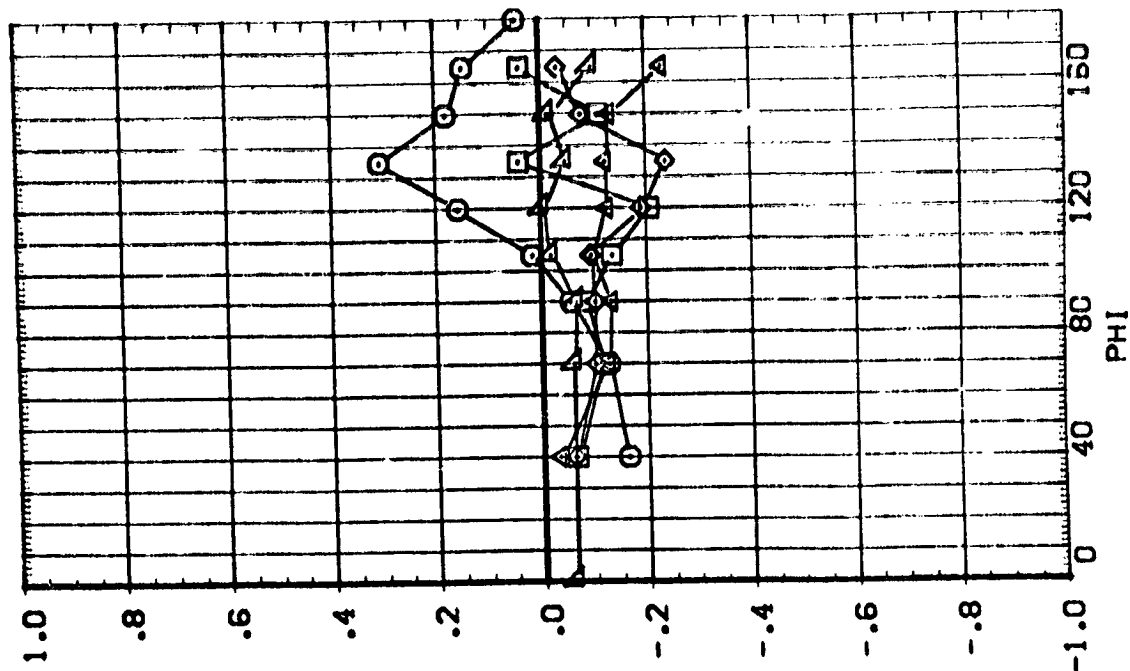
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

B:00507M2F:W87L:8V5R5G1 LEFT FUSELAGE

(RDLB01)

SYNCD  
X/L  
ALPHA  
BETA  
-3.000  
-5.030  
-0.950  
-0.787  
-0.878  
-0.885  
-0.926  
-0.964

PARAMETRIC VALUES  
ELEVTR  
RUDFLR  
RUDER  
FLAP  
-18.000  
-18.000  
-18.000  
-18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

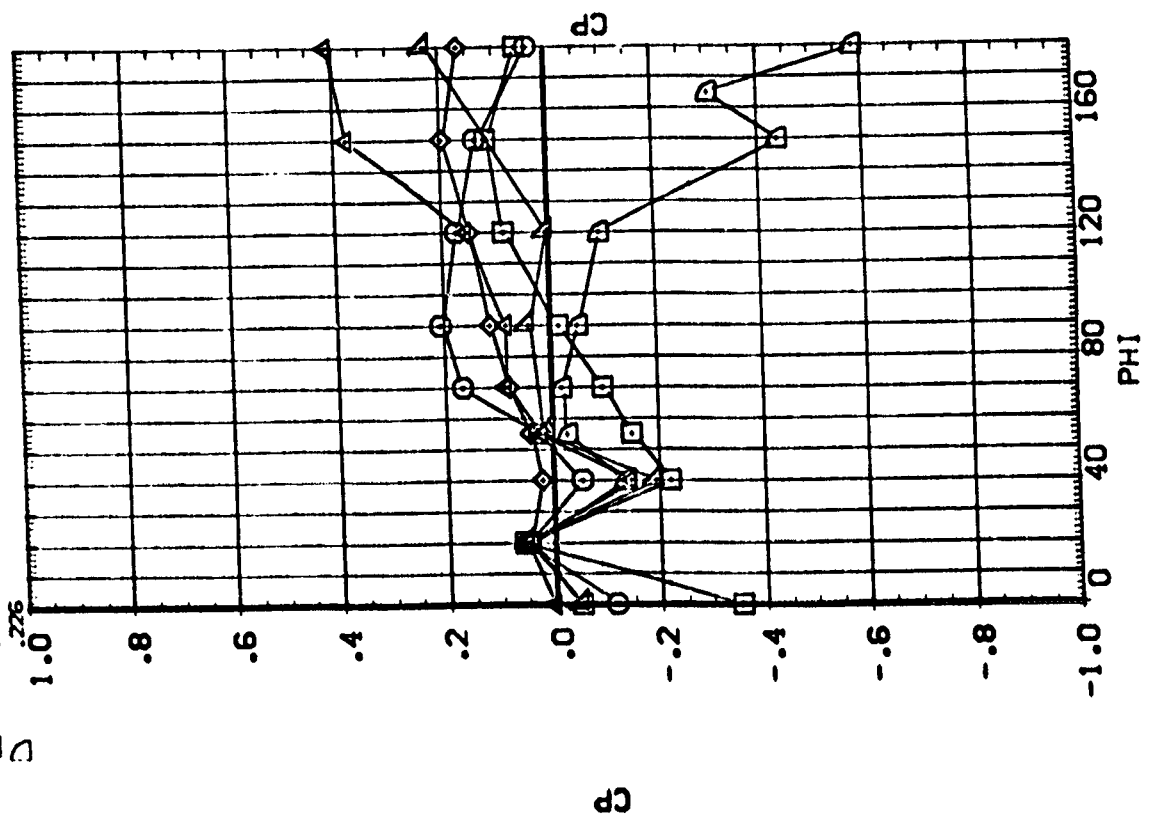
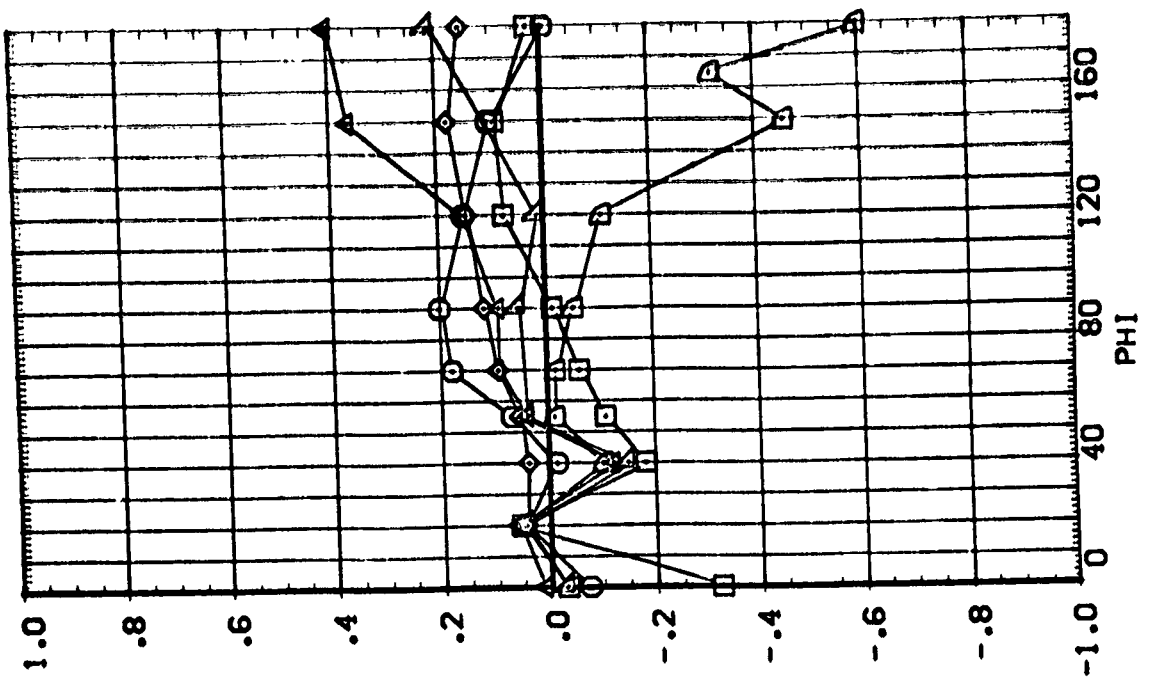


B:005077: 18718V5R001 LEFT FUSELAGE

[RDLB01]

SYMBOL X/L ALPHA BETA  
 0100440 .019 .010 -5.000  
 .034 .010  
 .060  
 .136  
 .173  
 .226

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUDFLR 40.000 FLAP -18.000



B:00507M2F:1876:8V5R5G: LEFT FUSELAGE

(RDL801)

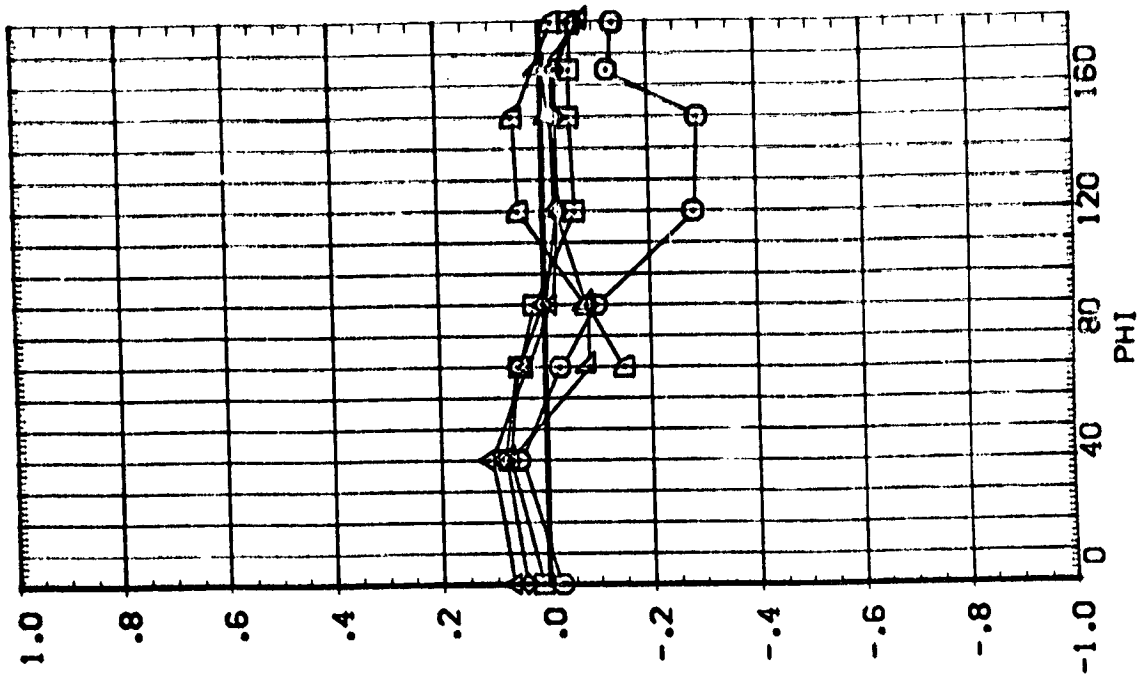
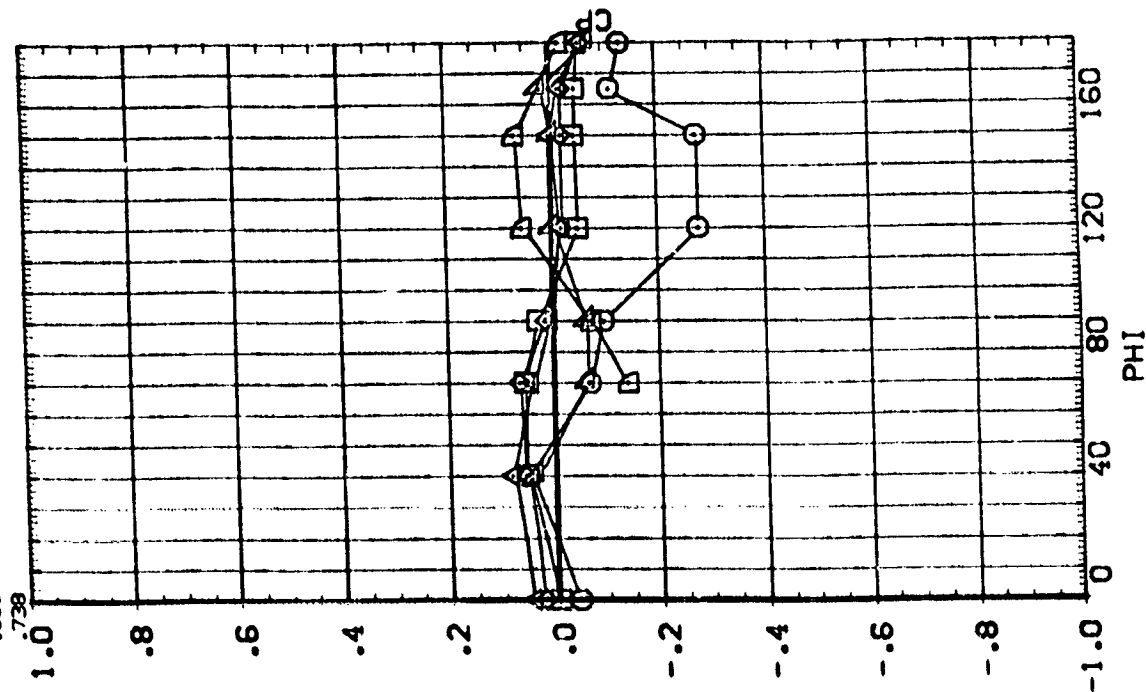
SYNCG  
01101010

X/L  
.271  
.320  
.395  
.512  
.663  
.738

A.P.A  
.310  
.310

B.F.A  
-5.030

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .300  
RUOFLR 40.000 FLAP -10.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

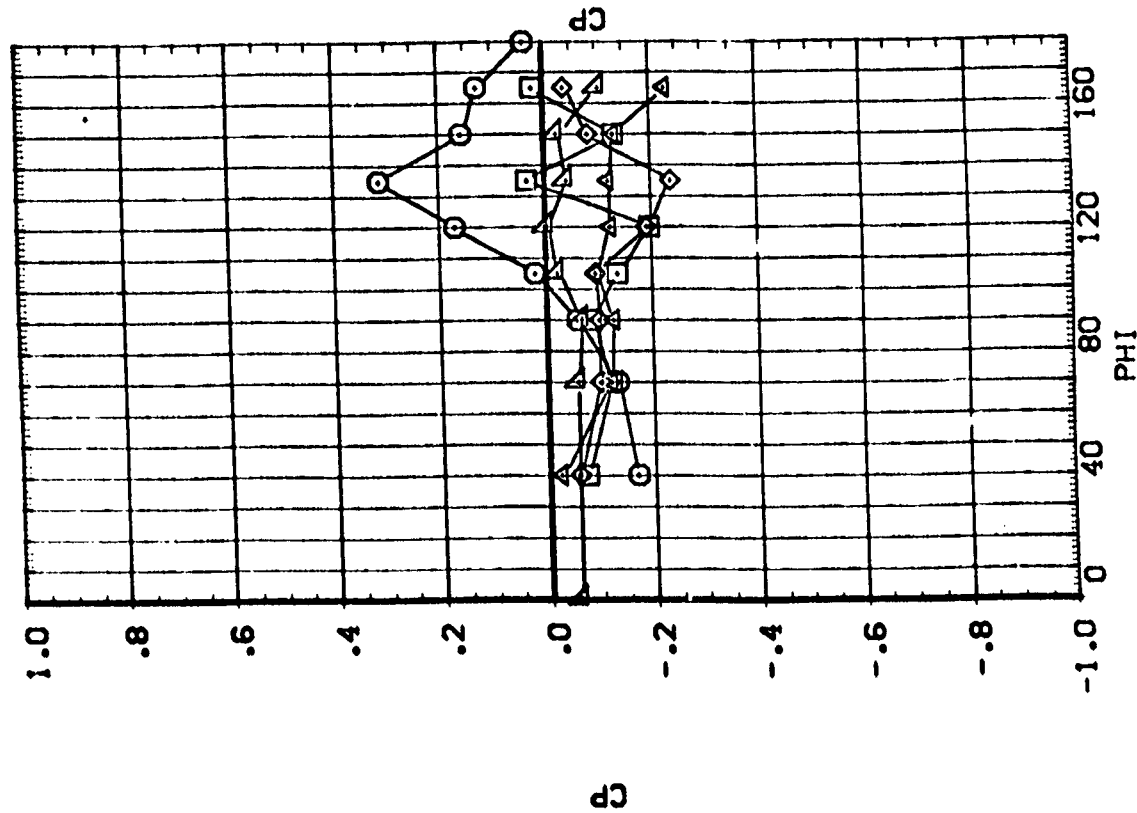
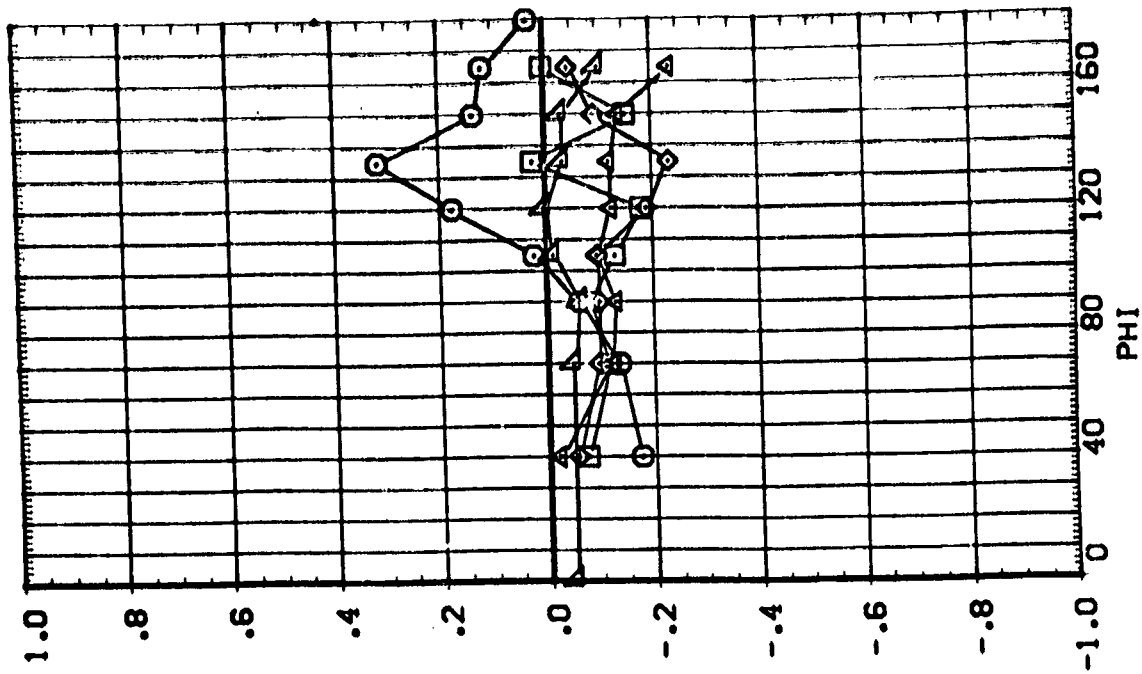


B:00507M2F:W87E18V5R5G1 LEFT FUSELAGE

(RDLB01)

SYMBOL X/L ALPHA BETA  
 .787 .010 -5.030  
 .878 .010 1.010  
 .885  
 .976  
 .964

PARAMETRIC VALUES  
 .000 RUDDER .000  
 40.000 FLAP -18.000



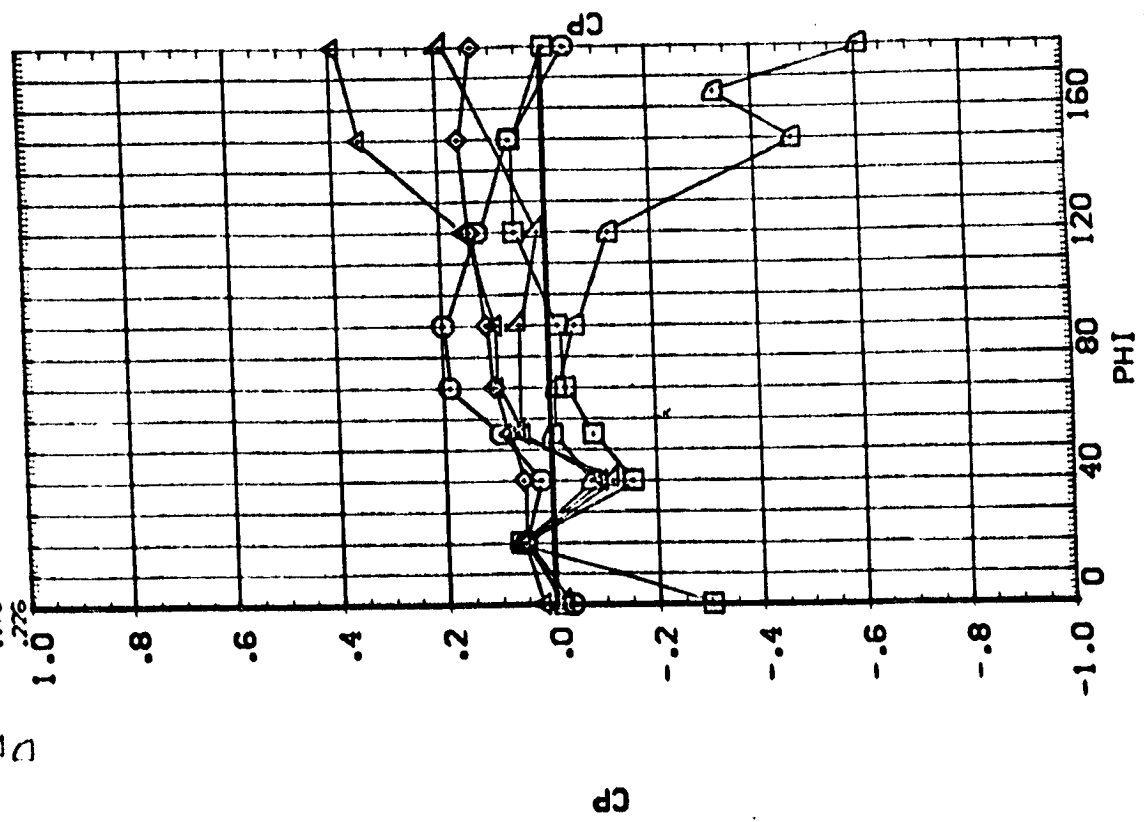
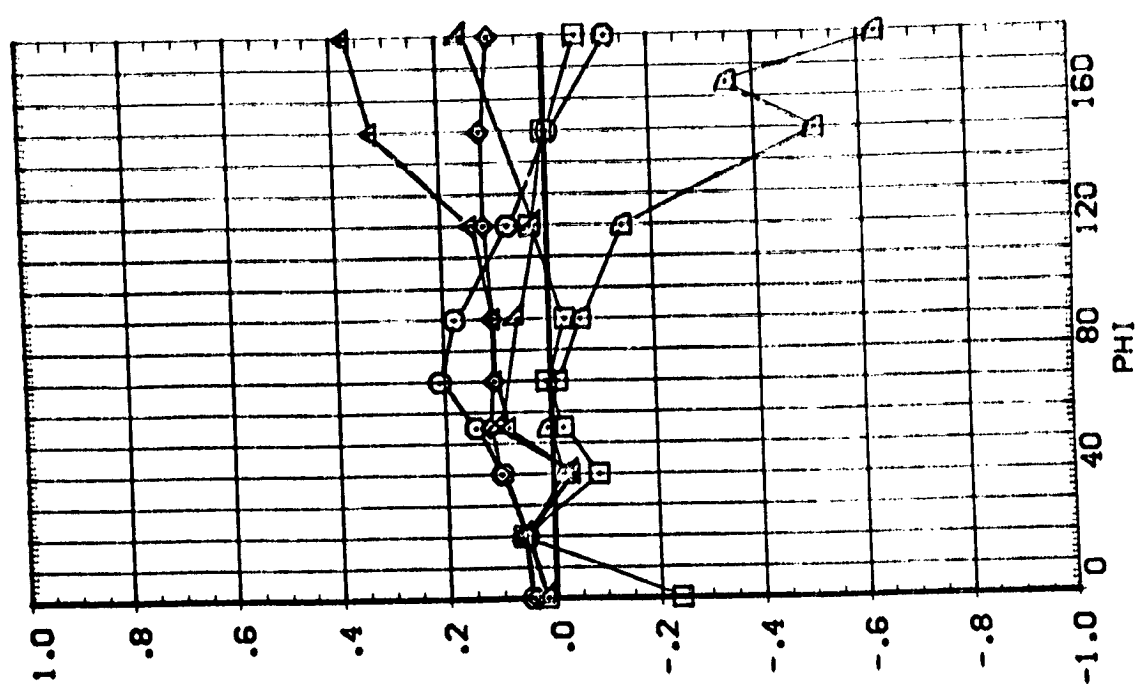
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

[RDLB01]

B100507M2F1W8V18V5R5G: LEFT FUSELAGE

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLE 40.000 FLAP -18.000

SYMBOL X/L ALPHA BETA  
 0 0.019 2.000 -5.030  
 1 0.034 4.050  
 2 0.060  
 3 0.136  
 4 0.173  
 5 0.276



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 238

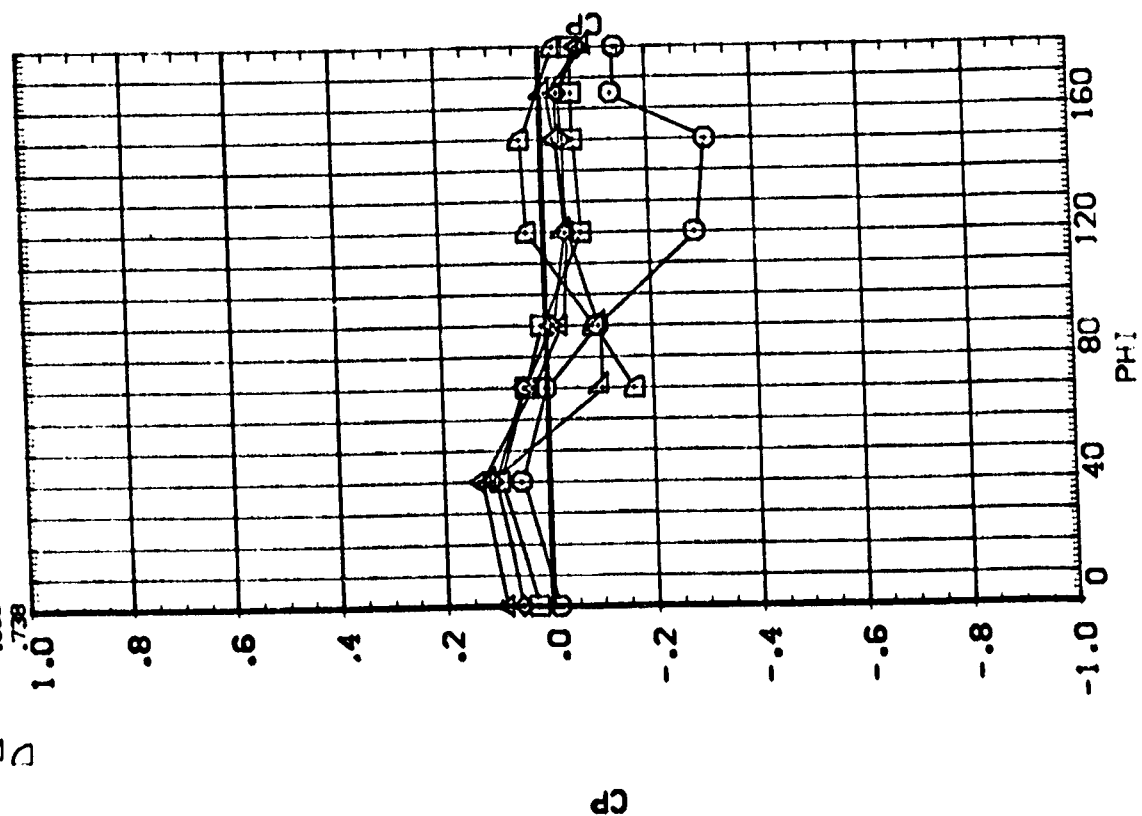


B:CC507M2F:W87E18VSR5G: LEFT FUSELAGE

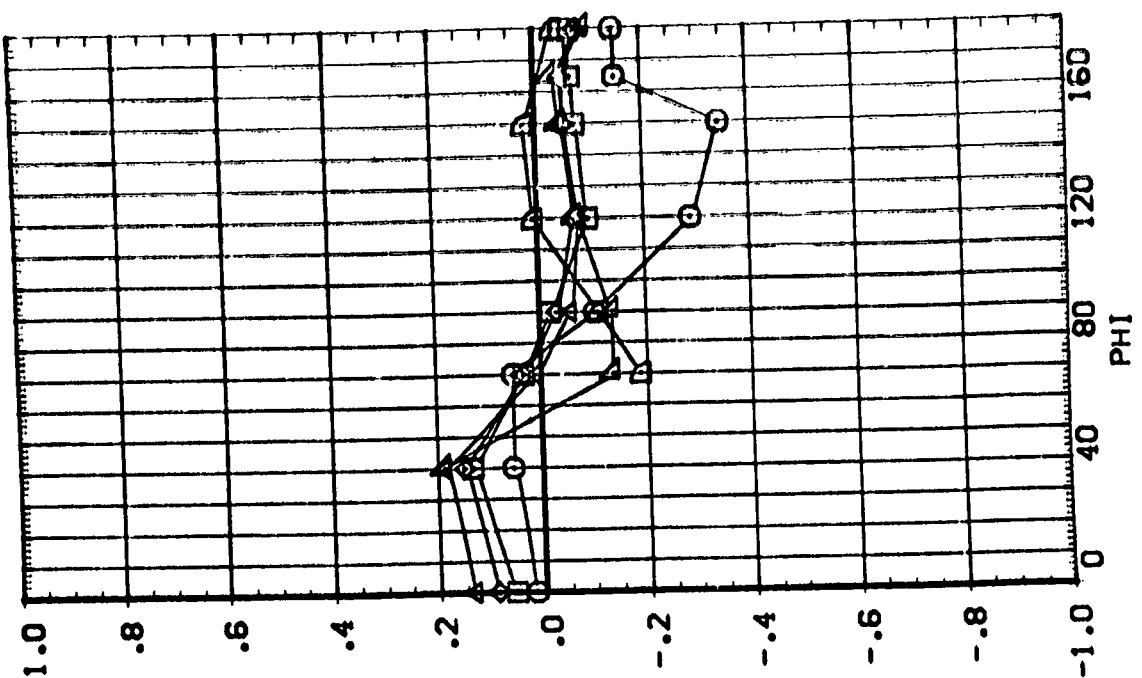
(RDLB01)

SYMBOL  
 1  
 2  
 3  
 4  
 5  
 6  
 7  
 8  
 9  
 10

ALPHA BETA  
 .271 2.000 -5.030  
 .370 4.050  
 .395  
 .512  
 .663  
 .738



PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

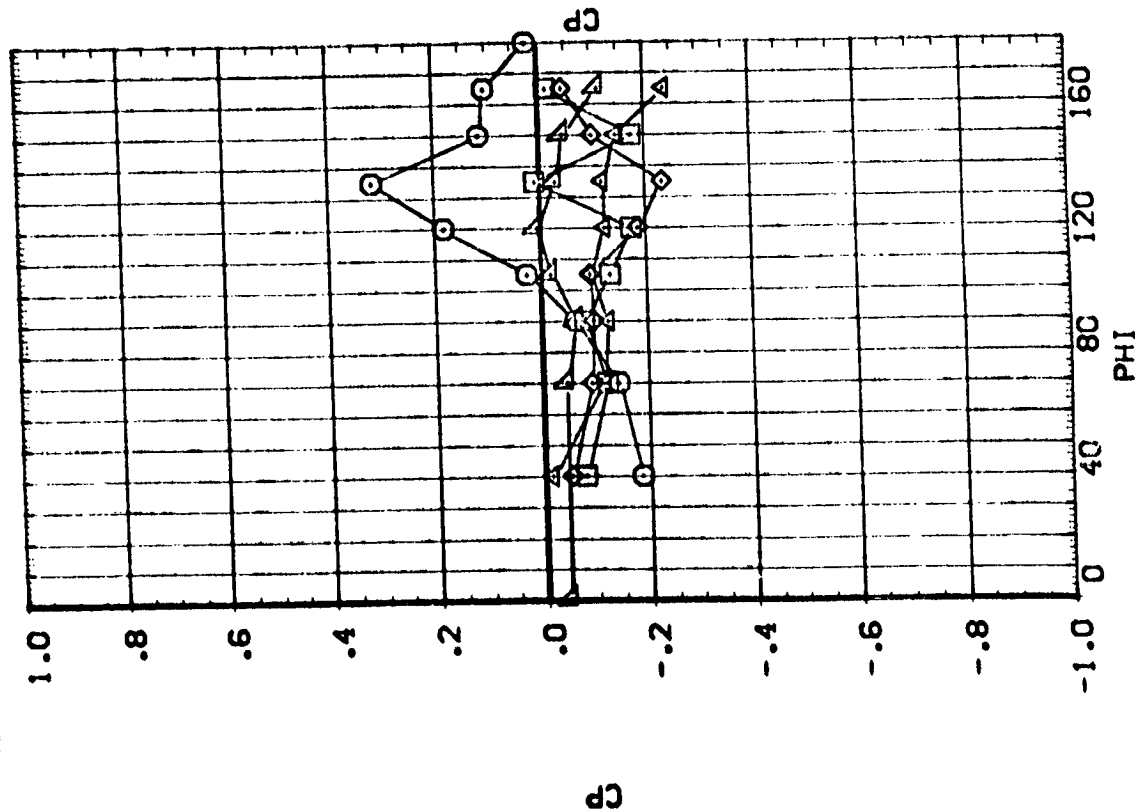
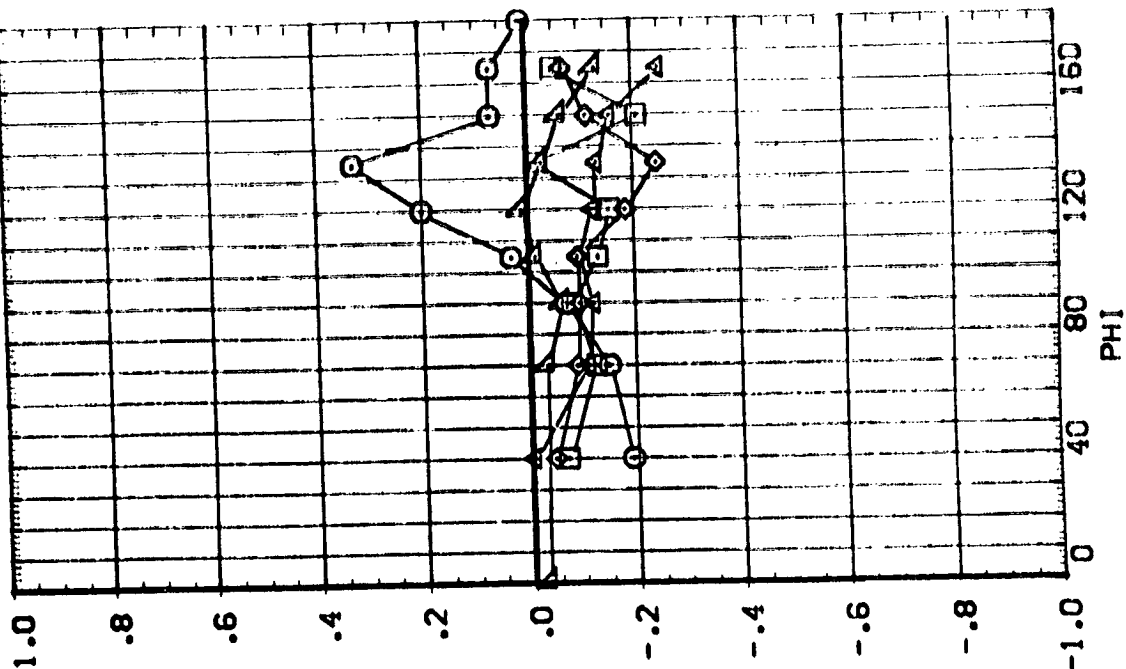


R:005072: 148718/52551 111 FUSELAGE

(RD\_B01)

SV80  
M/L  
A. PMA  
PH TA  
7.000 5.000  
4.500  
.787  
.878  
.885  
.926  
.964

PASIVE TRIC VALUES  
ELEV'R .000 RUDER .000  
RUDFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
PAGE 240

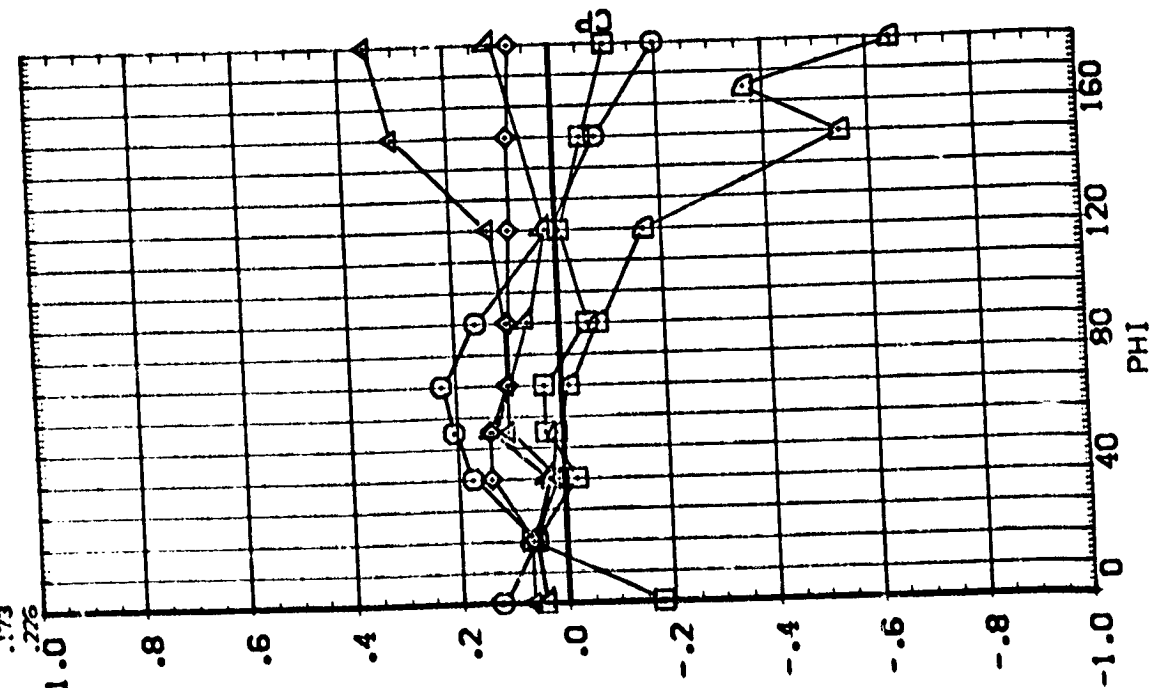
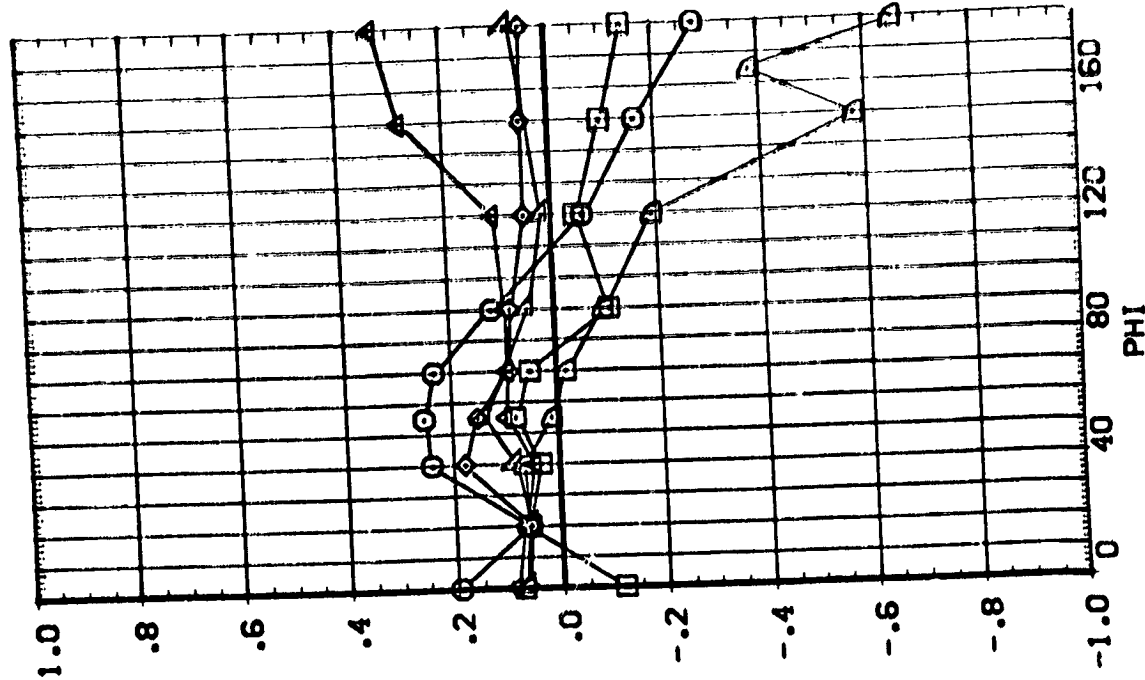


(RDLB01)

B:CC507M2F:W87E18VSR5G1 LEFT FUSELAGE

SYMBOL X/L ALPHA BETA  
 .019 6.08C -5.03C  
 .034 8.13C  
 .060  
 .136  
 .173  
 .276

PARAMETRIC VALUES  
 ELEVTR .00C RUDDER .00C  
 RUFLR 40.00C FLAP -10.00C



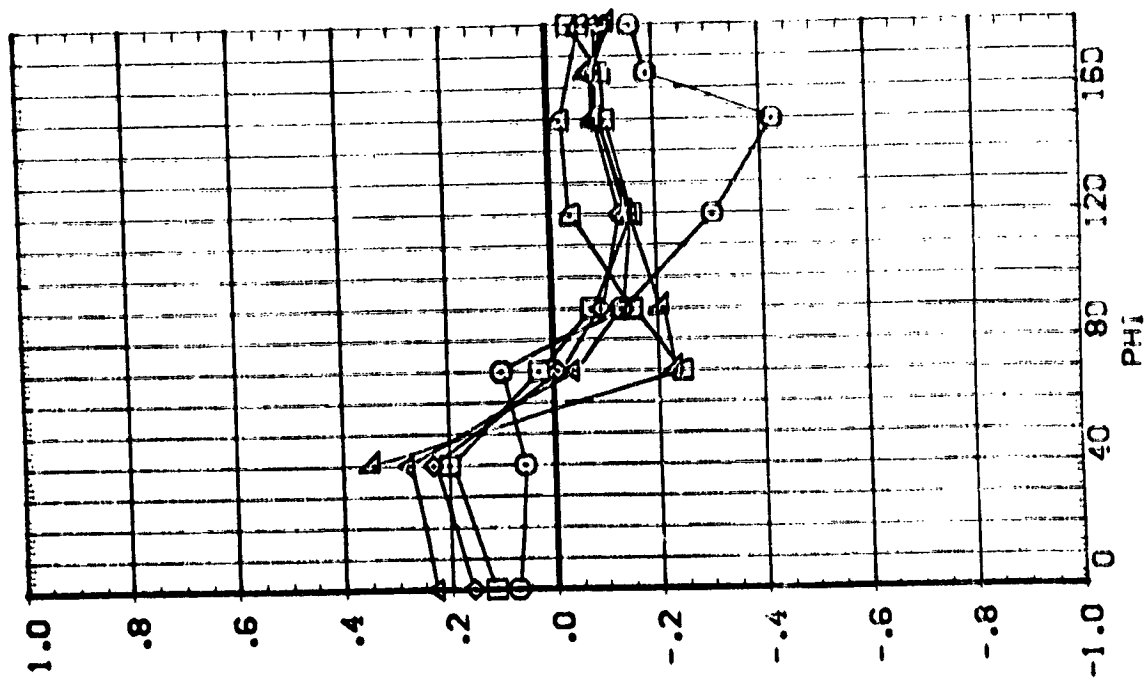
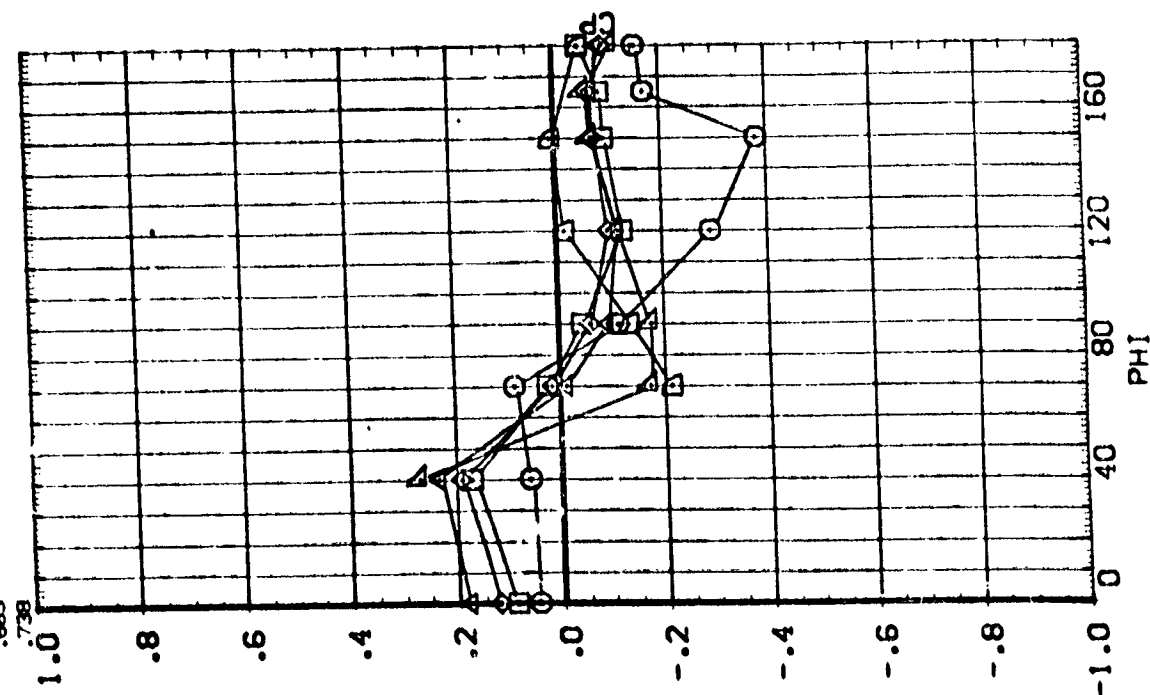
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 241

B:00507M2:1W87E18V5P5G1 LEFT FUSELAGE

(ROLBO:)

SYMBOL X/L A. P/A BETA  
 .271 6.08C -5.03C  
 .37C 8.13C  
 .395  
 .517  
 .563  
 .738

PARAMETRIC VALUES  
 ELEVTR .000 RUDER .00  
 RUFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



B:00507M2F1W87E18V5R5G1 LEFT FUSELAGE

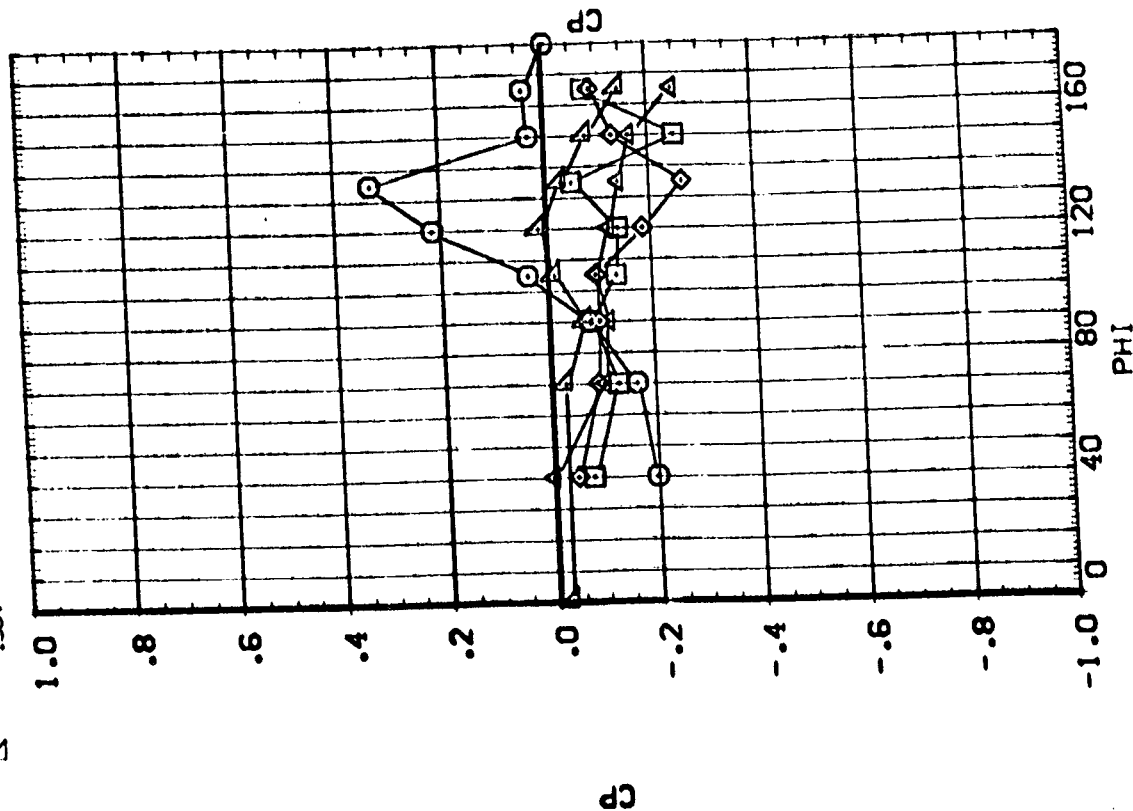
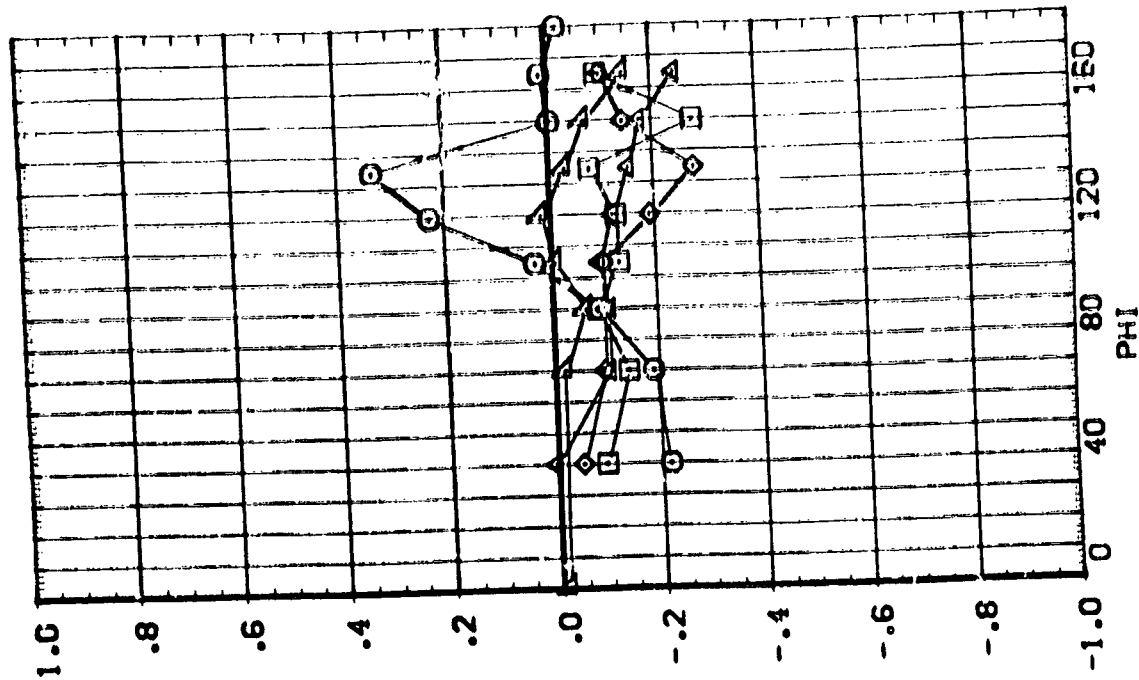
SYMBOLS

X/L  
 .787  
 .828  
 .883  
 .926  
 .964

A<sub>2</sub>M A BETA  
 6.38C -5.03C  
 8.13C

(RDLB01)

PARAMETRIC VALUES  
 ELEVTR .00C RUDER .00C  
 RUDLR 40.00C FLAP -18.00C



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

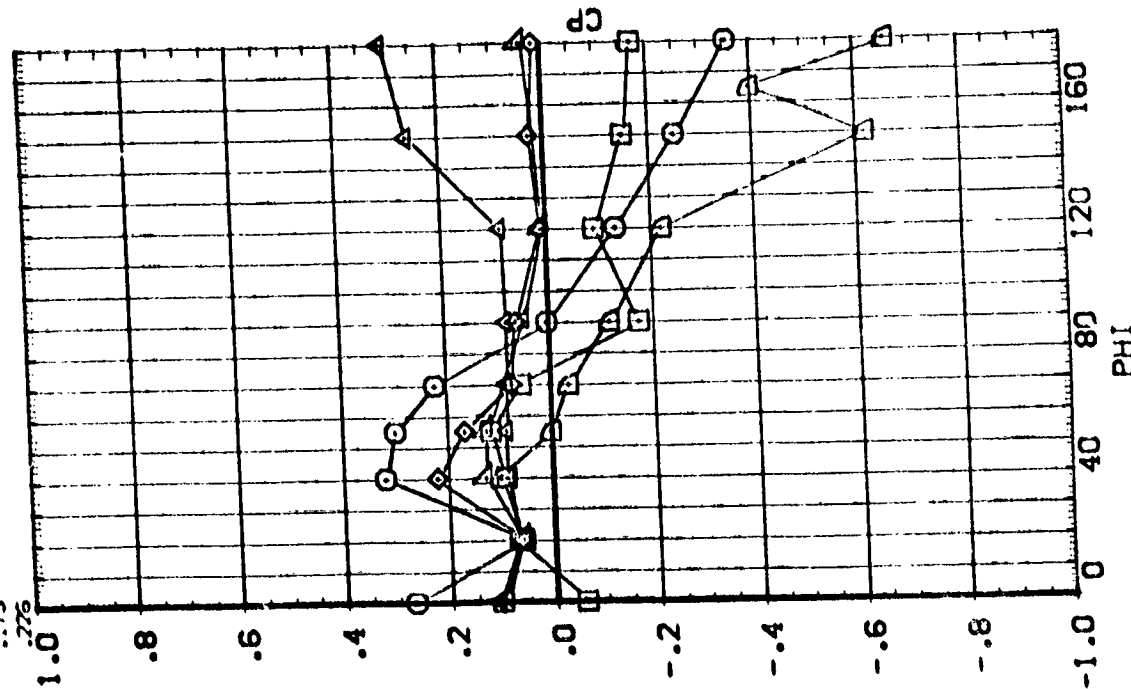
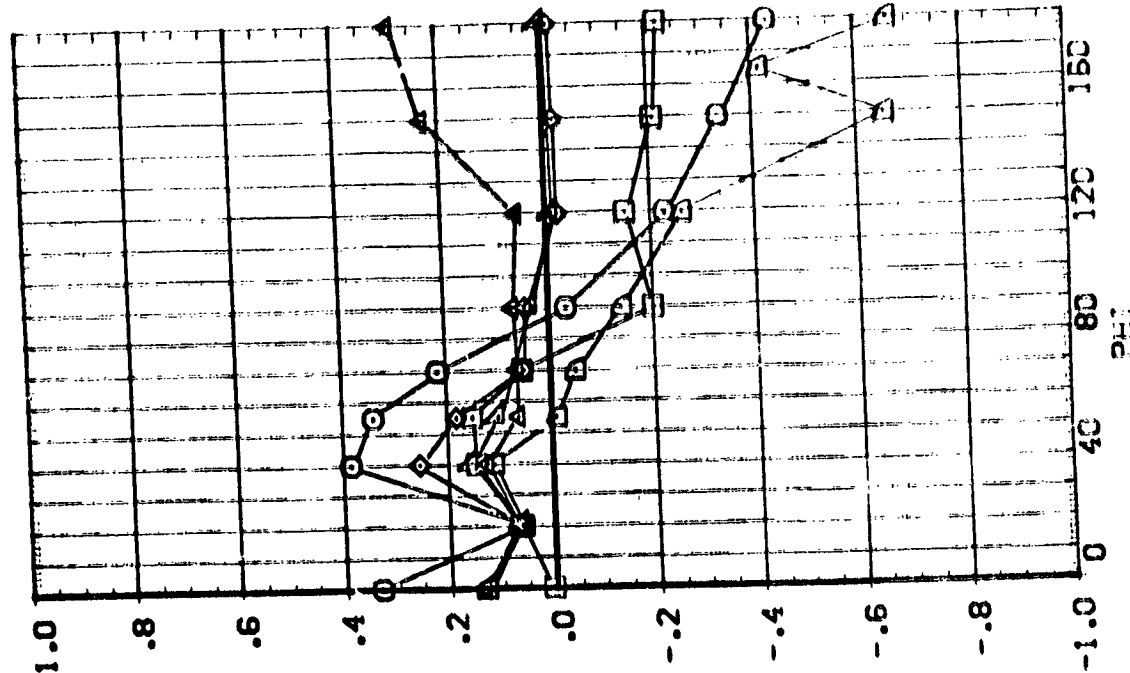


B:005072:14871:8VSR5G: LEFT FUSELAGE

(R0L301)

SW80  
ALPHA  
BETA  
C19  
C34  
C50  
C136  
C173  
C226

PARAMETRIC VALUES  
ELEVTR .000  
RUDDER 40.000  
FLAP .000  
-18.000



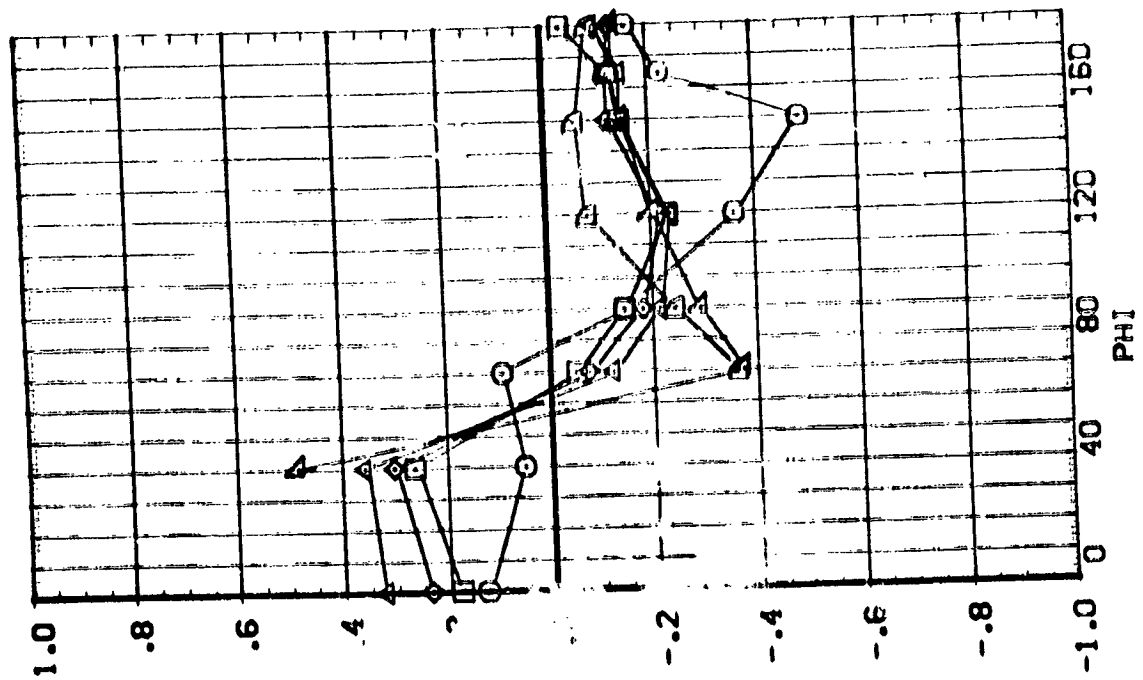
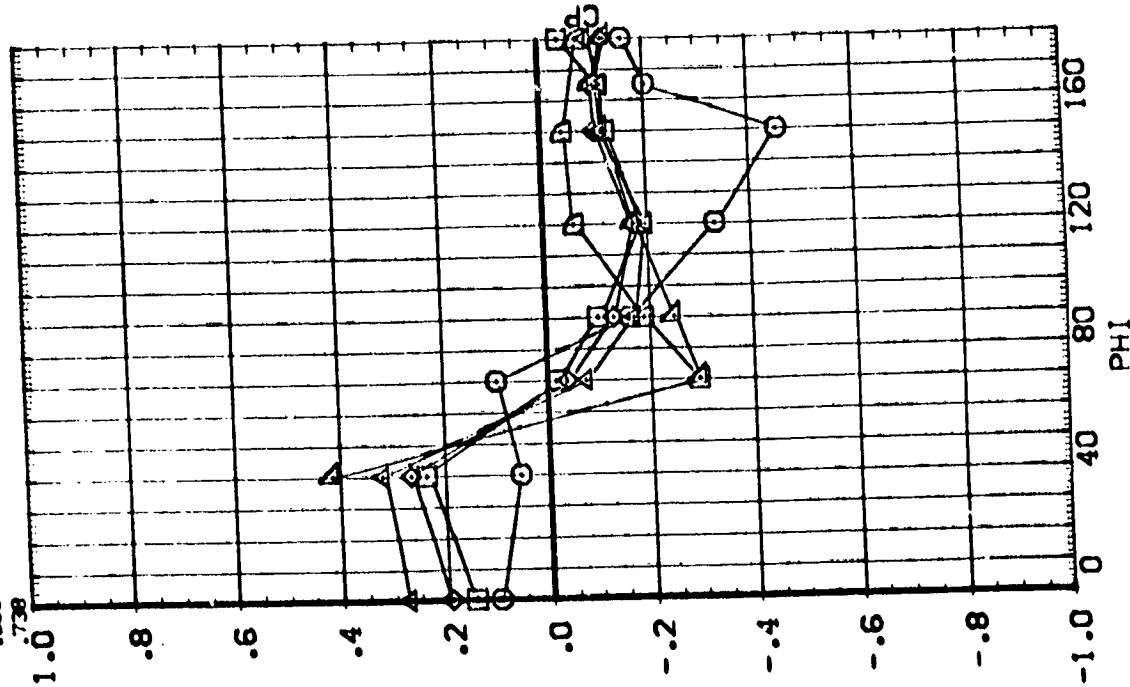
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



3100507M2: 148718/5R5G: LEFT FUSELAGE

(RDLB01)

SV500  
X/L  
A.244  
B.7A  
C.04C  
D.04C  
E.04C  
F.04C  
G.04C  
H.04C  
I.04C  
J.04C  
K.04C  
L.04C  
M.04C  
N.04C  
O.04C  
P.04C  
Q.04C  
R.04C  
S.04C  
T.04C  
U.04C  
V.04C  
W.04C  
X.04C  
Y.04C  
Z.04C  
AA.04C  
AB.04C  
AC.04C  
AD.04C  
AE.04C  
AF.04C  
AG.04C  
AH.04C  
AI.04C  
AJ.04C  
AK.04C  
AL.04C  
AM.04C  
AN.04C  
AO.04C  
AP.04C  
AQ.04C  
AR.04C  
AS.04C  
AT.04C  
AU.04C  
AV.04C  
AW.04C  
AX.04C  
AY.04C  
AZ.04C  
BA.04C  
BB.04C  
BC.04C  
BD.04C  
BE.04C  
BF.04C  
BG.04C  
BH.04C  
BI.04C  
BJ.04C  
BK.04C  
BL.04C  
BM.04C  
BN.04C  
BO.04C  
BP.04C  
BQ.04C  
BR.04C  
BS.04C  
BT.04C  
BU.04C  
BV.04C  
BW.04C  
BX.04C  
BY.04C  
BZ.04C  
CA.04C  
CB.04C  
CC.04C  
CD.04C  
CE.04C  
CF.04C  
CG.04C  
CH.04C  
CI.04C  
CJ.04C  
CK.04C  
CL.04C  
CM.04C  
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EL.04C  
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GH.04C  
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GJ.04C  
GK.04C  
GL.04C  
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GN.04C  
GO.04C  
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GQ.04C  
GR.04C  
GS.04C  
GT.04C  
GU.04C  
GV.04C  
GW.04C  
GX.04C  
GY.04C  
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HA.04C  
HB.04C  
HC.04C  
HD.04C  
HE.04C  
HF.04C  
HG.04C  
HH.04C  
HI.04C  
HJ.04C  
HK.04C  
HL.04C  
HM.04C  
HN.04C  
HO.04C  
HP.04C  
HQ.04C  
HR.04C  
HS.04C  
HT.04C  
HU.04C  
HV.04C  
HW.04C  
HX.04C  
HY.04C  
HZ.04C  
IA.04C  
IB.04C  
IC.04C  
ID.04C  
IE.04C  
IF.04C  
IG.04C  
IH.04C  
IJ.04C  
IK.04C  
IL.04C  
IM.04C  
IN.04C  
IO.04C  
IP.04C  
IQ.04C  
IR.04C  
IS.04C  
IT.04C  
IU.04C  
IV.04C  
IW.04C  
IX.04C  
IY.04C  
IZ.04C  
JA.04C  
JB.04C  
JC.04C  
JD.04C  
JE.04C  
JF.04C  
JG.04C  
JH.04C  
JI.04C  
JJ.04C  
JK.04C  
JL.04C  
JM.04C  
JN.04C  
JO.04C  
JP.04C  
JQ.04C  
JR.04C  
JS.04C  
JT.04C  
JU.04C  
JV.04C  
JW.04C  
JX.04C  
JY.04C  
JZ.04C  
KA.04C  
KB.04C  
KC.04C  
KD.04C  
KE.04C  
KF.04C  
KG.04C  
KH.04C  
KI.04C  
KJ.04C  
KK.04C  
KL.04C  
KM.04C  
KN.04C  
KO.04C  
KP.04C  
KQ.04C  
KR.04C  
KS.04C  
KT.04C  
KU.04C  
KV.04C  
KW.04C  
KX.04C  
KY.04C  
KZ.04C  
LA.04C  
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LE.04C  
LF.04C  
LG.04C  
LH.04C  
LI.04C  
LJ.04C  
LK.04C  
LL.04C  
LM.04C  
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LP.04C  
LQ.04C  
LR.04C  
LS.04C  
LT.04C  
LU.04C  
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ZU.04C  
ZV.04C  
ZW.04C  
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ZY.04C  
ZZ.04C



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER

(RDLB01)

B10C507M21187118VSR50: LEFT FUSELAGE

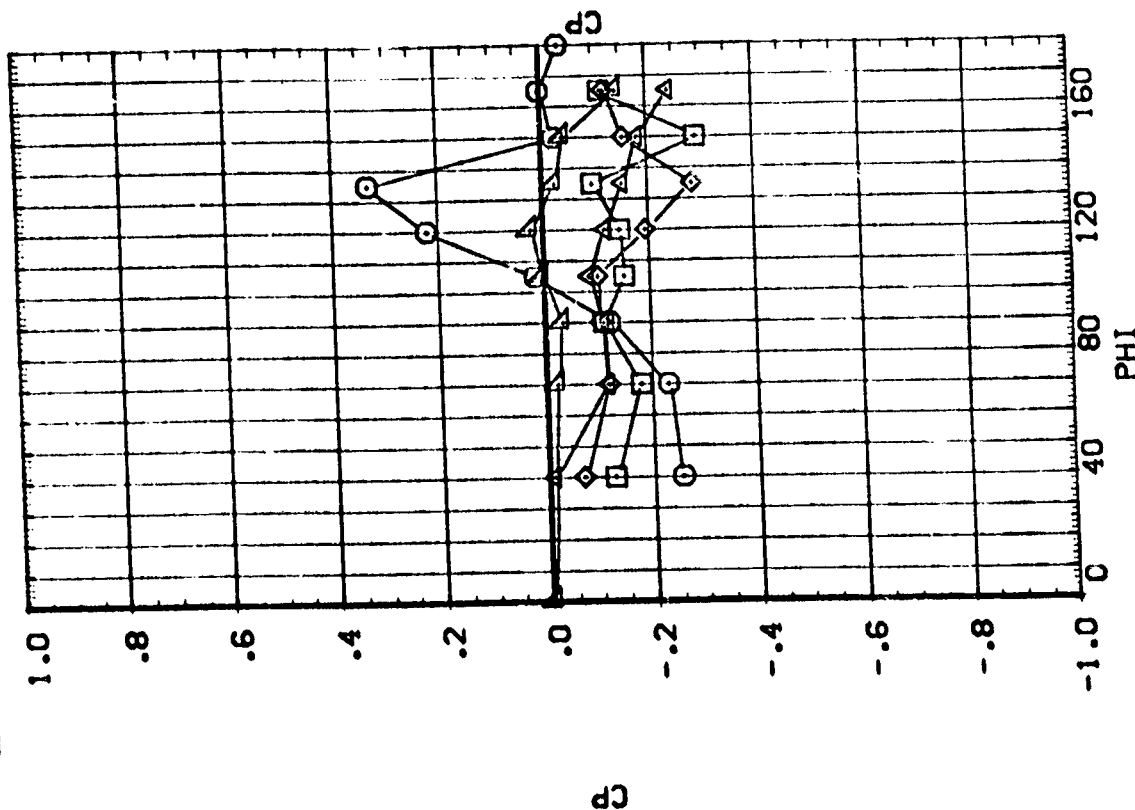
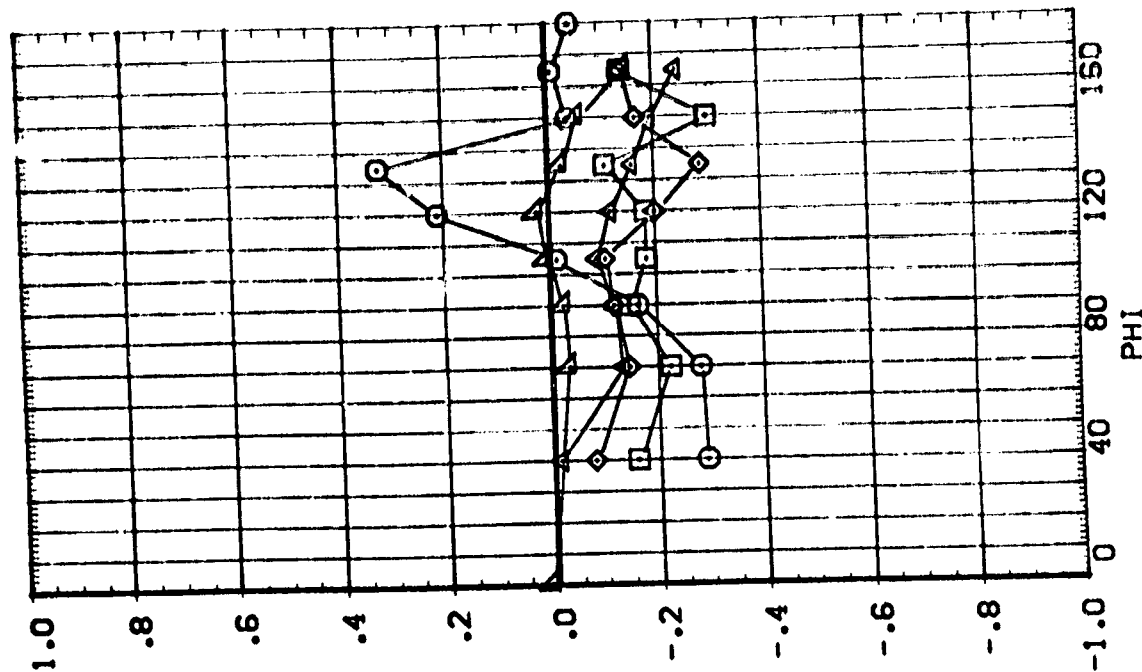
SYMBOL

X/L .787  
.828  
.885  
.976  
.984

ALPHA  
10.170  
12.220

BETA  
-5.040

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFLR 40.000 FLAP -10.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

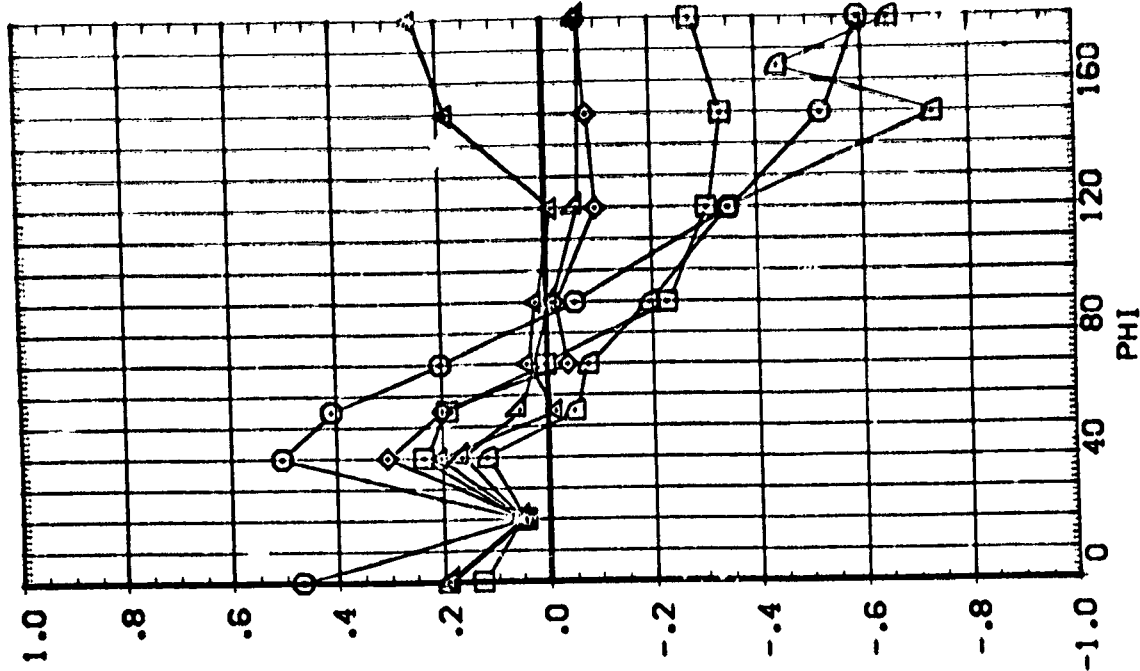
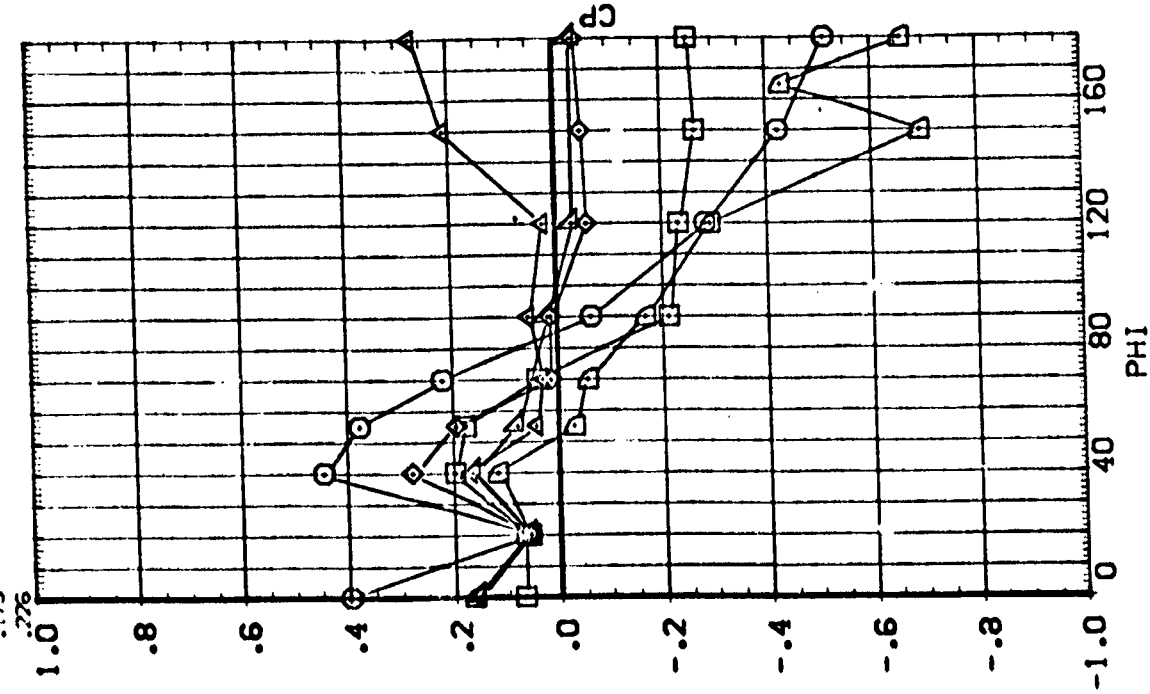


B1005072: 187: 18/3/50: LEFT FUSELAGE

(RDLB01)

SYMBOL X/L A/D/A HETA  
 .019 .034 .050 .136 .173  
 .276

PARAMETRIC VALUES  
 .000 .000 .000  
 ELEVTR RUDDER FLAP  
 40.000 40.000 -18.000



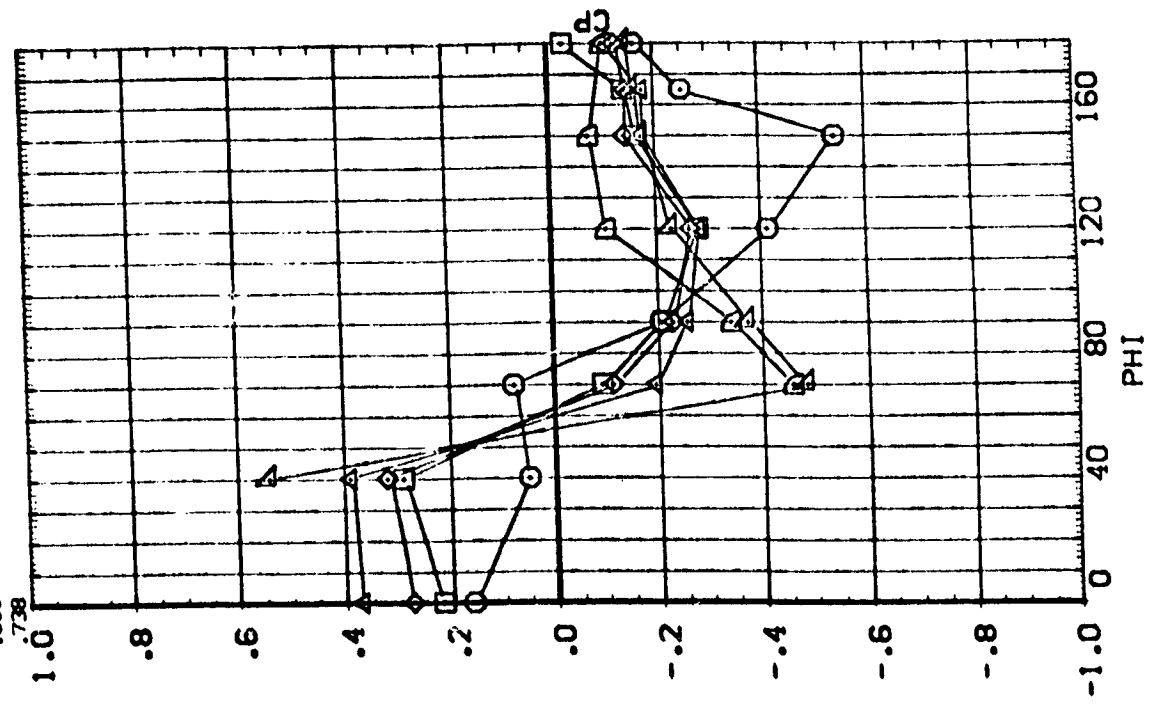
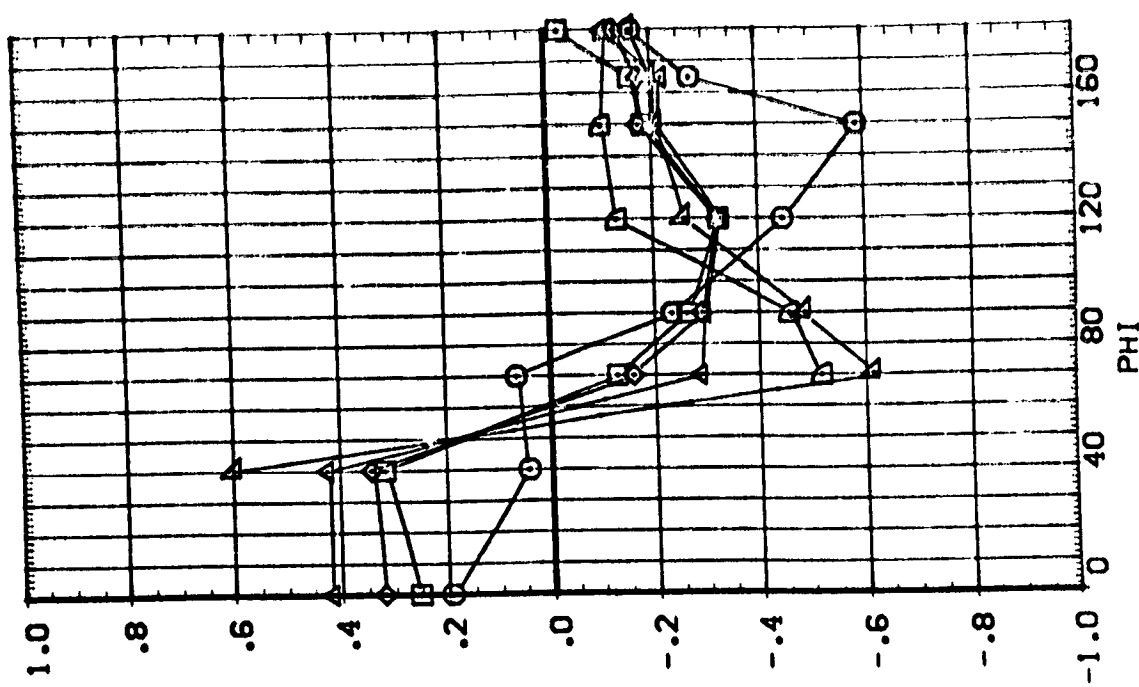


(CRLB01)

3:00507M7-18/18/5R5G: LEFT FUSELAGE

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUFLR 40.000 FLAP -18.000

SYMBOL X/A A/B/A B/T/A  
 .271 14.760 5.000  
 .370 16.240  
 .391  
 .517  
 .663  
 .738



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 248

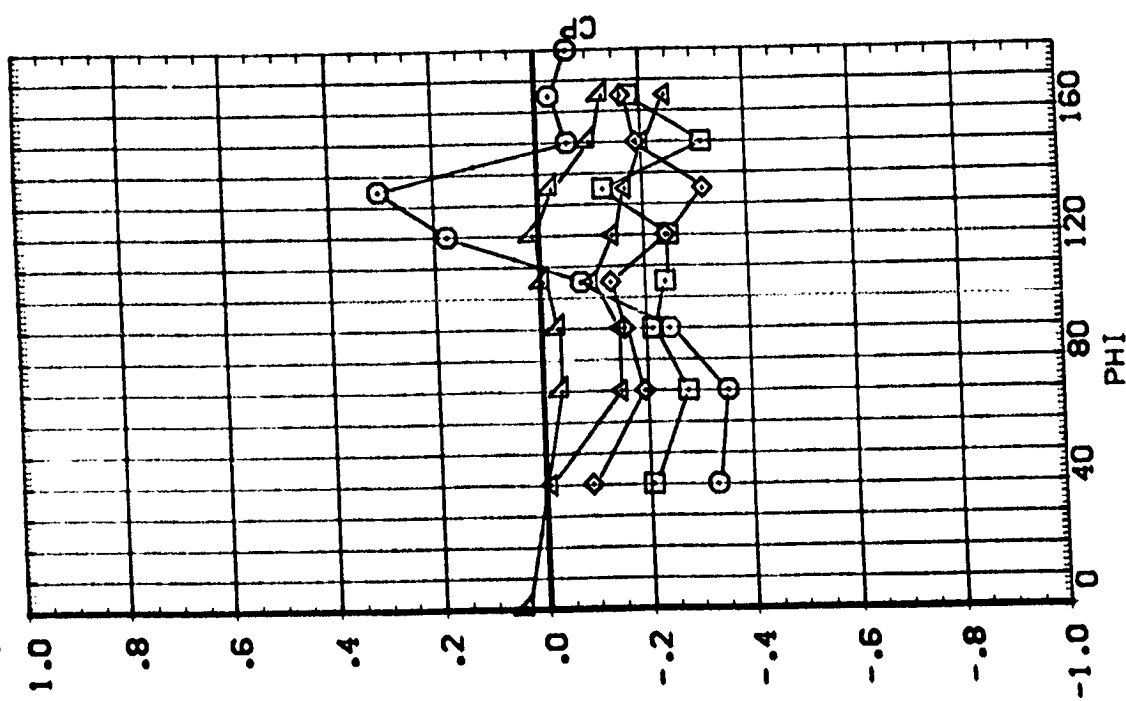
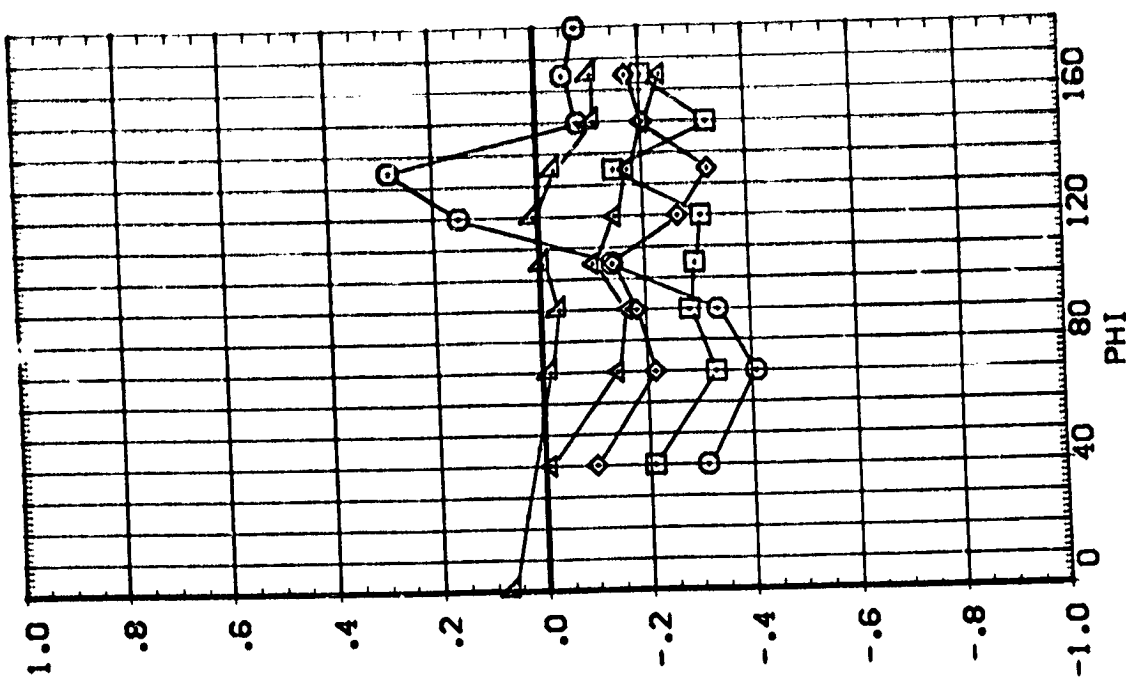


B100507M2F:W87E:8V5R5G1 LEFT FUSELAGE

(RDLB01)

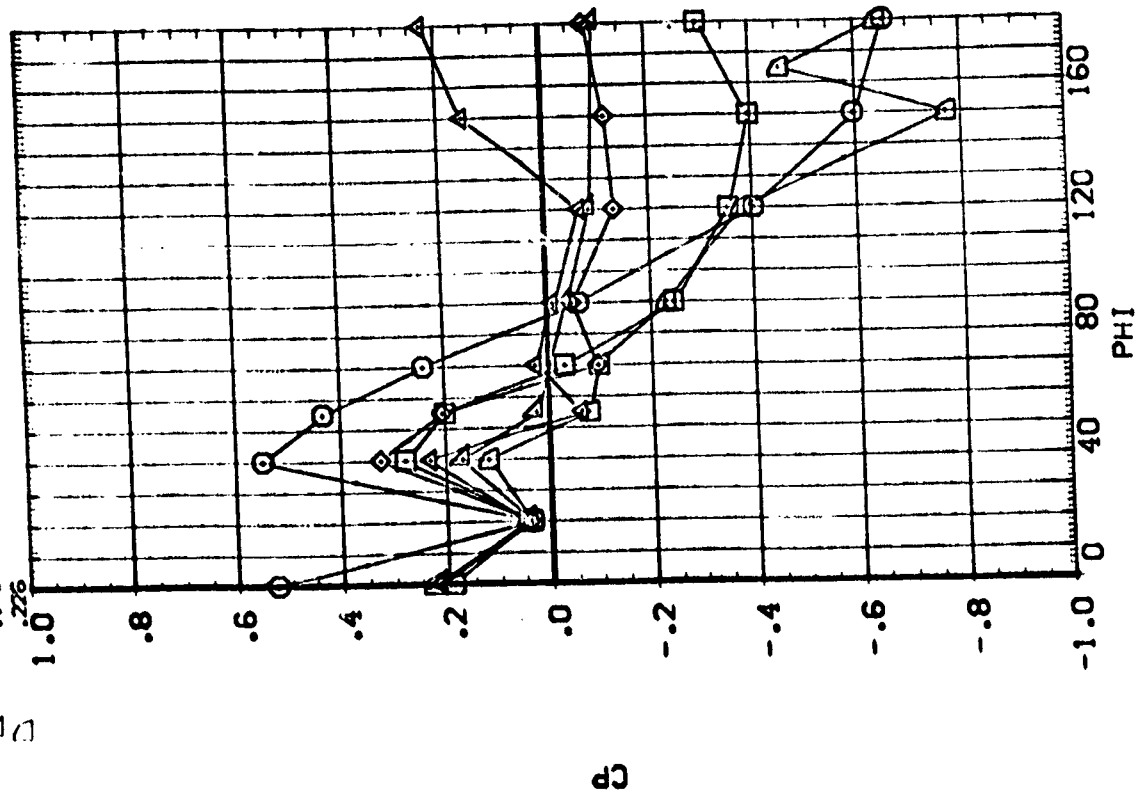
SYMBOL X/L ALPHA BETA  
 O .787 14.76C -5.05C  
 □ .878 16.24C  
 ◇ .885  
 △ .976  
 ▲ .964

PARAMETRIC VALUES  
 .000 RUDER .000  
 40.000 FLAP -18.000  
 ELEVTR  
 RUDFLR



3:005372F:187E:8VSR53: LEFT FUSELAGE

SYNCD X/A ALPHA BE" A  
 .019 :8.3:0 -5.03C  
 .034  
 .060  
 .136  
 .173  
 .276



(RDLB01)

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUDFLR 40.000 FLAP -18.000

RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 250



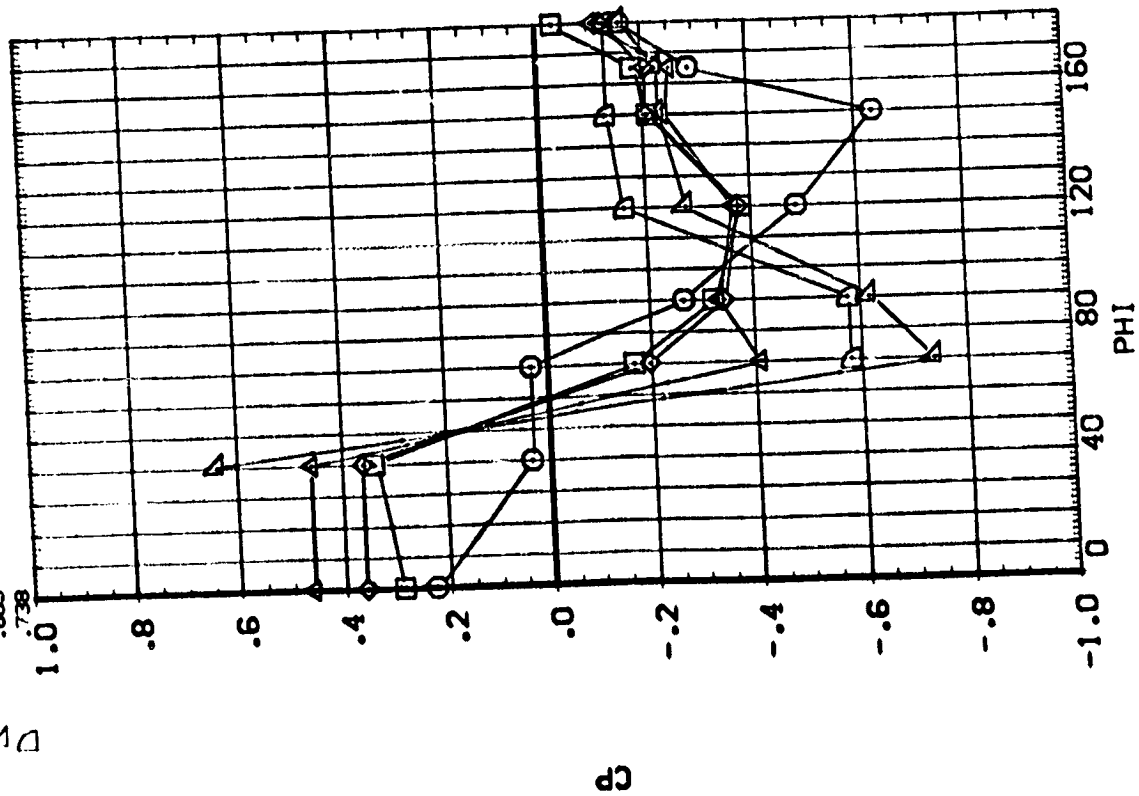
(RDLB01)

3:005072F:W87E18V5R5G: LEFT FUSELAGE

PARAMETRIC VALUES  
 ELEVTR 40.000 RUDER .000  
 RUDFLR -18.000 FLAP .000

SYMBOL X/L ALPHA BETA  
 0110440 .27: 18.310 -5.030

.370  
 .395  
 .512  
 .663  
 .738



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 251

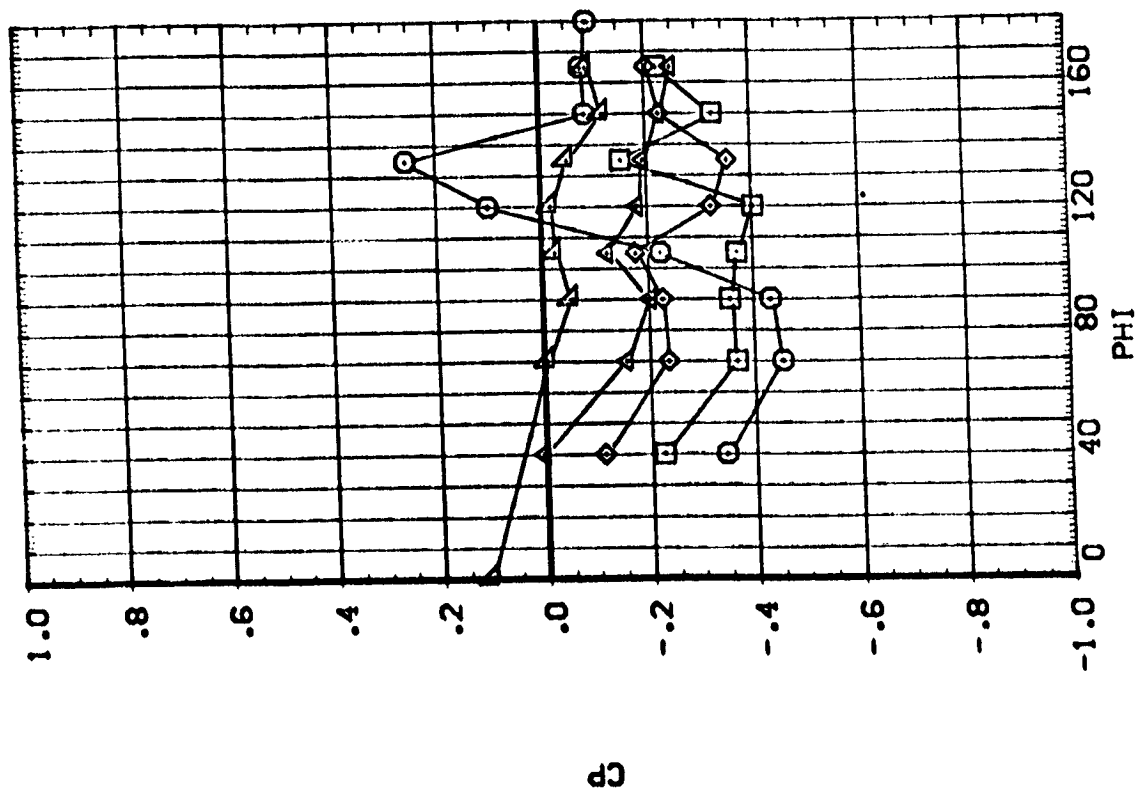
(00-0000)

8:0053747F1W8/E18/5R5G: LEFT FUSELAGE

SYMBOL  
◇ ○ △

X/L ALPHA BETA  
.787 :8.3:0 -5.030  
.878  
.885  
.926  
.964

PARAMETRIC VALUES  
.000 .000 .000  
ELEVTR RUDDER FLAP  
RUDFLR -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



(RDLB01)

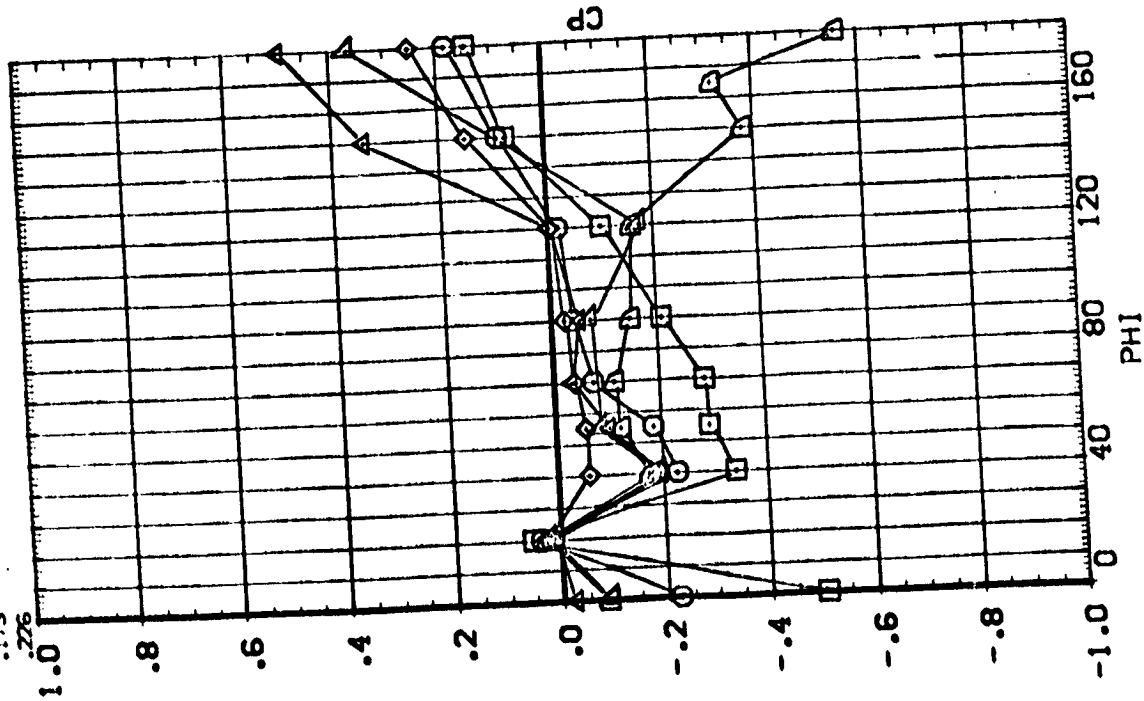
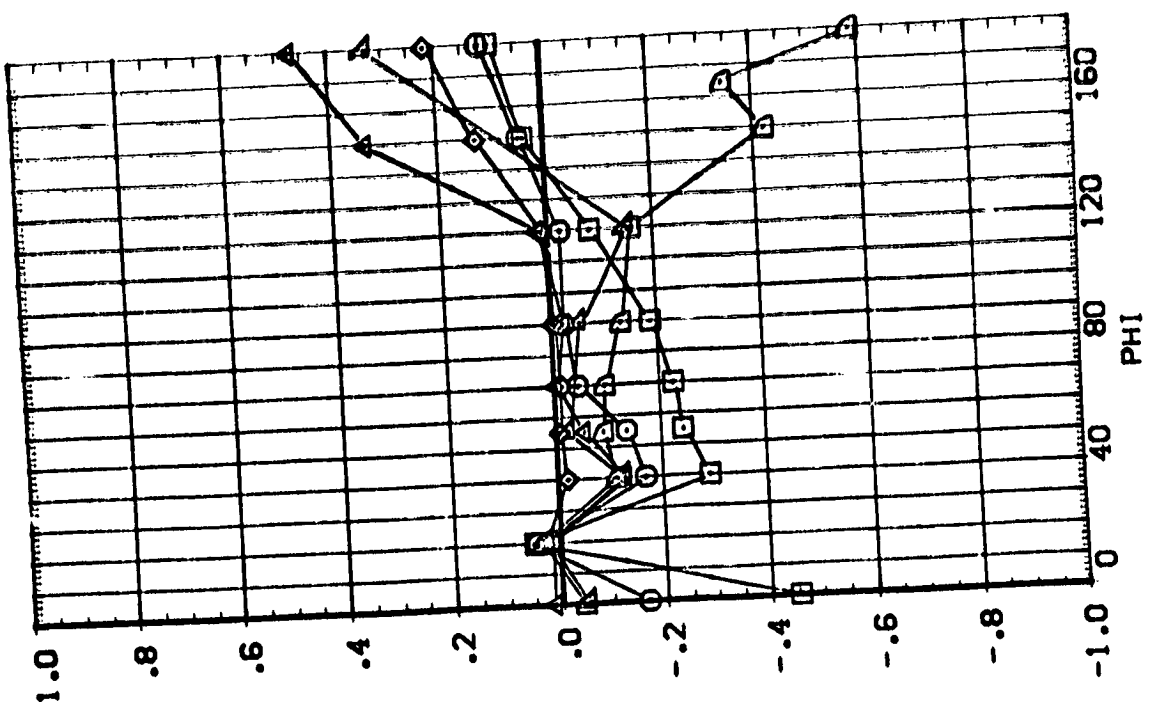
310C507M21 1W87E18V5R5G1 LEFT FUSELAGE

SYMBOL  
 0 1 2 3 4 5 6 7 8 9  
 10 11 12 13 14 15 16 17 18 19

ALPHA  
 .019  
 .034  
 .060  
 .136  
 .173  
 .226

PHI  
 0  
 1  
 2  
 3  
 4  
 5

PARAMETRIC VALUES  
 ELEVTR 40.000  
 RUDFLR 40.000  
 RUDR 40.000  
 FLAP 40.000  
 .000  
 .000  
 .000  
 .000



(RDLBC1)

B:00537V2F:W87E:8V0M5G1 LEFT FUSELAGE

SV803

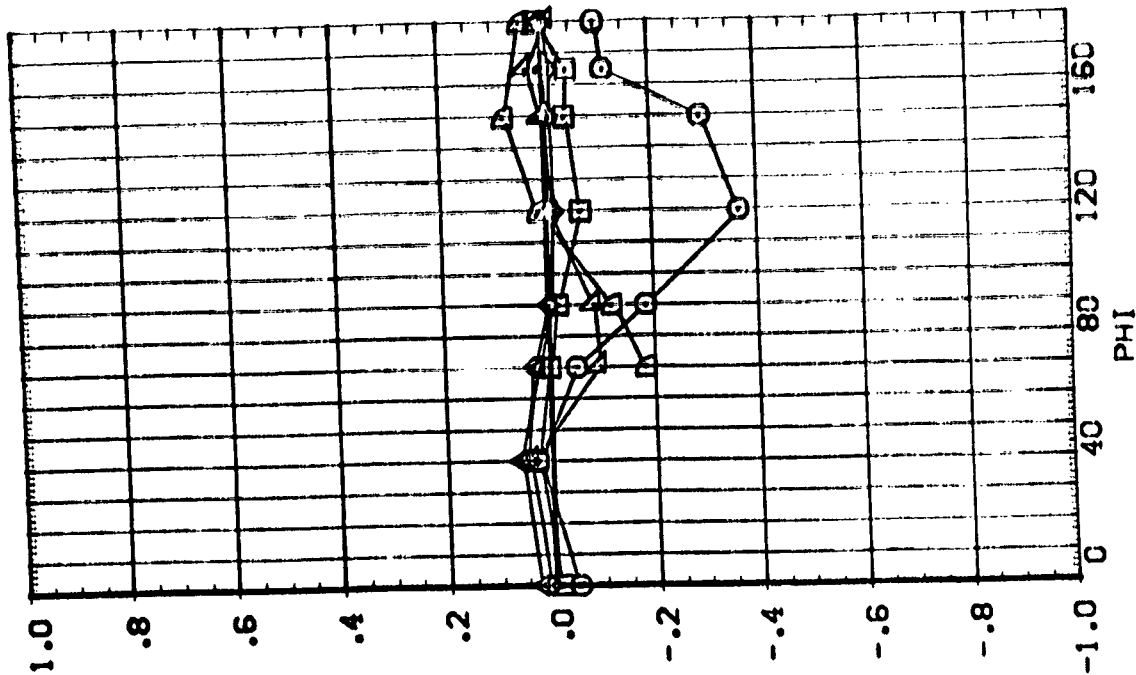
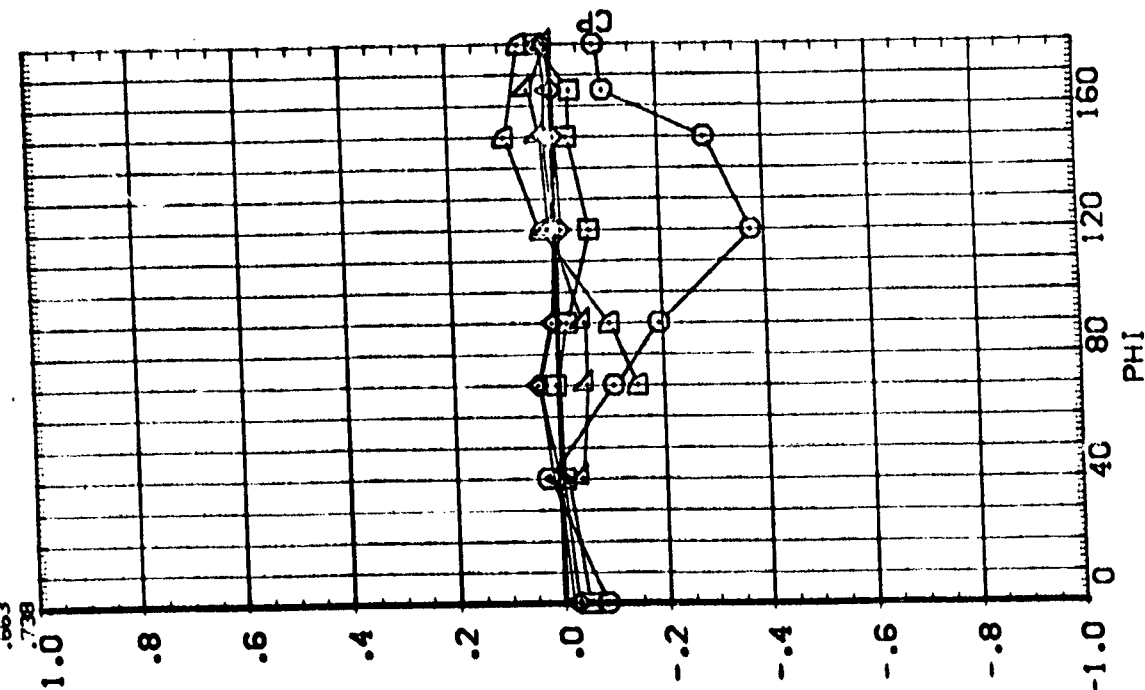
X/L

ALPHA  
-3.040

BETA  
.000

.771  
.370  
.395  
.512  
.663  
.738

PARAMETRIC VALUES  
ELEVTR .000  
RUDDER .000  
FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

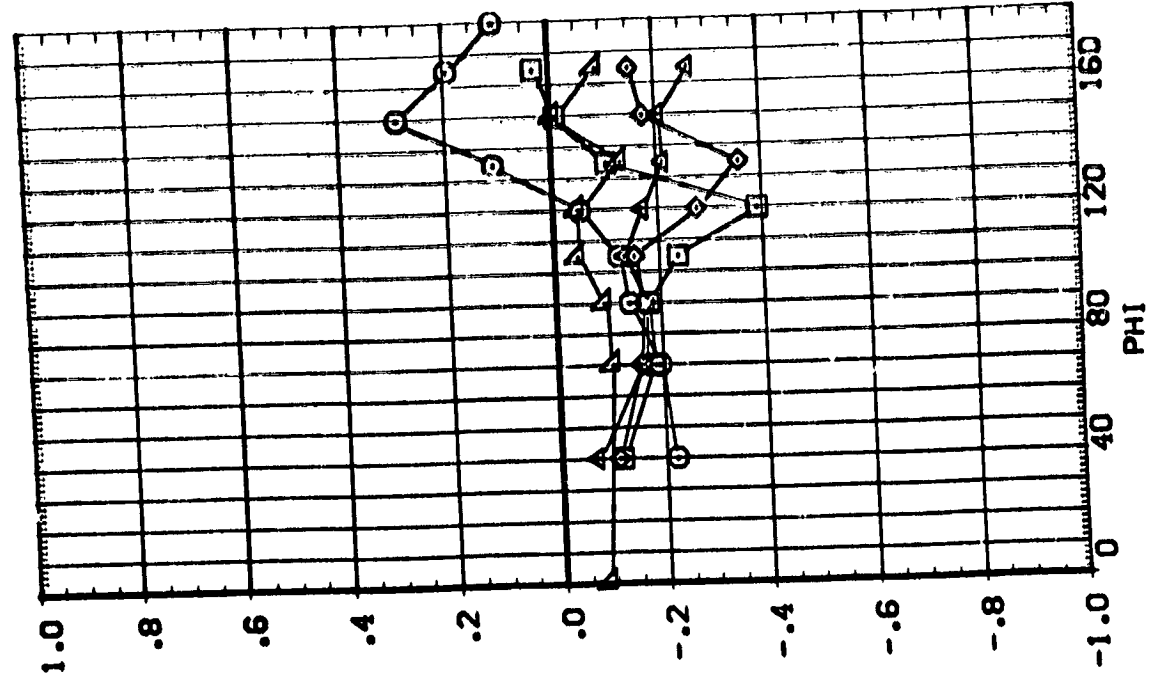
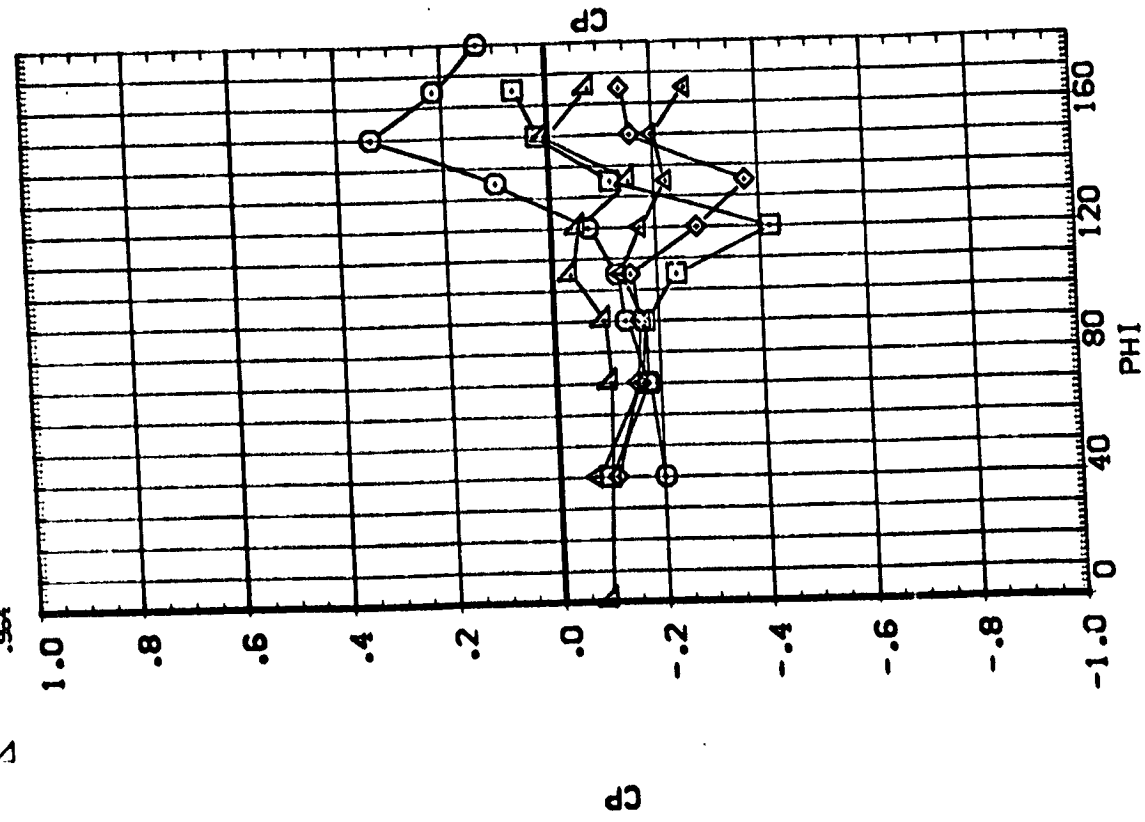


B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

(RDLB01)

SYMBOL X/L ALPHA BETA  
◇ .787  
◇ .828  
◇ .885  
◇ .926  
◇ .954

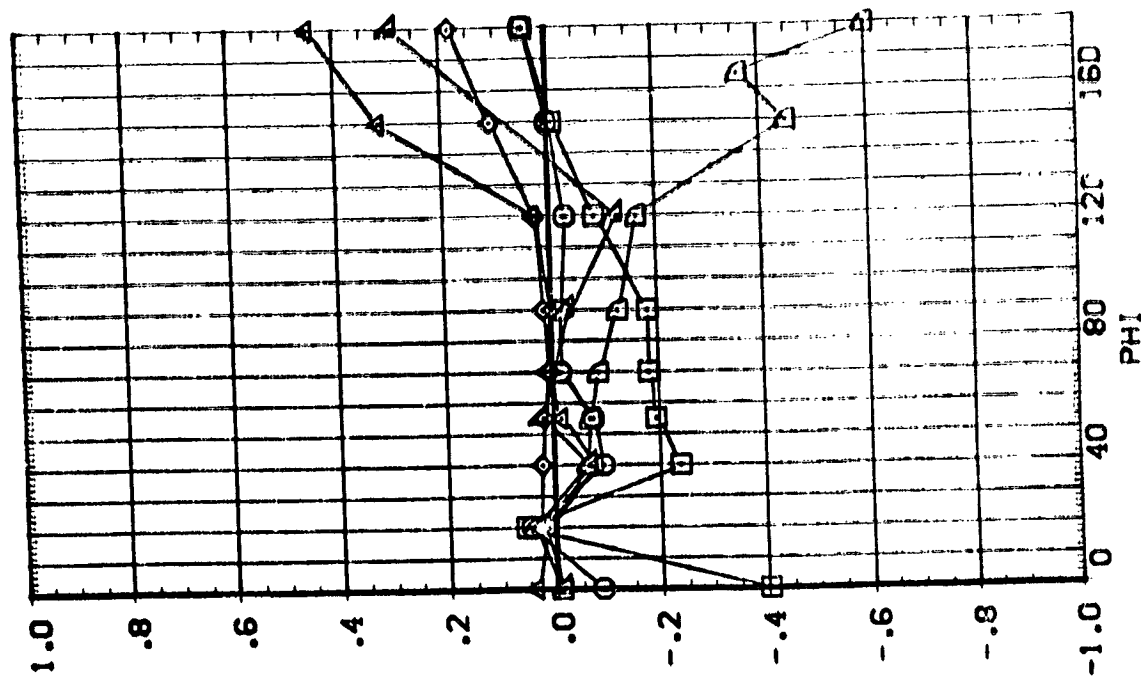
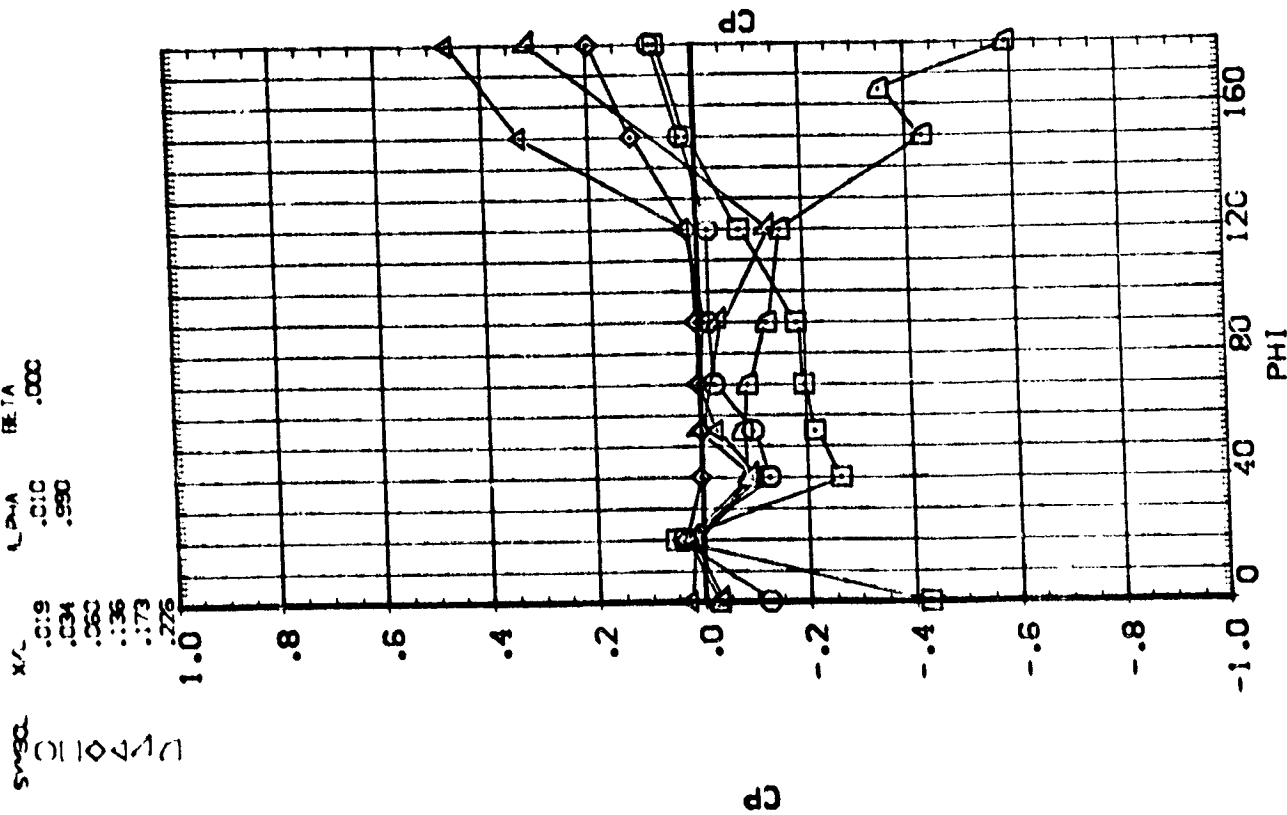
PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RJDFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
PAGE 255



7:00507W2: -W87E:8V5353: LEFT FUSELAGE

[illegible]

PHI  
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. NEUTRAL RUDDER AND ELEVATOR

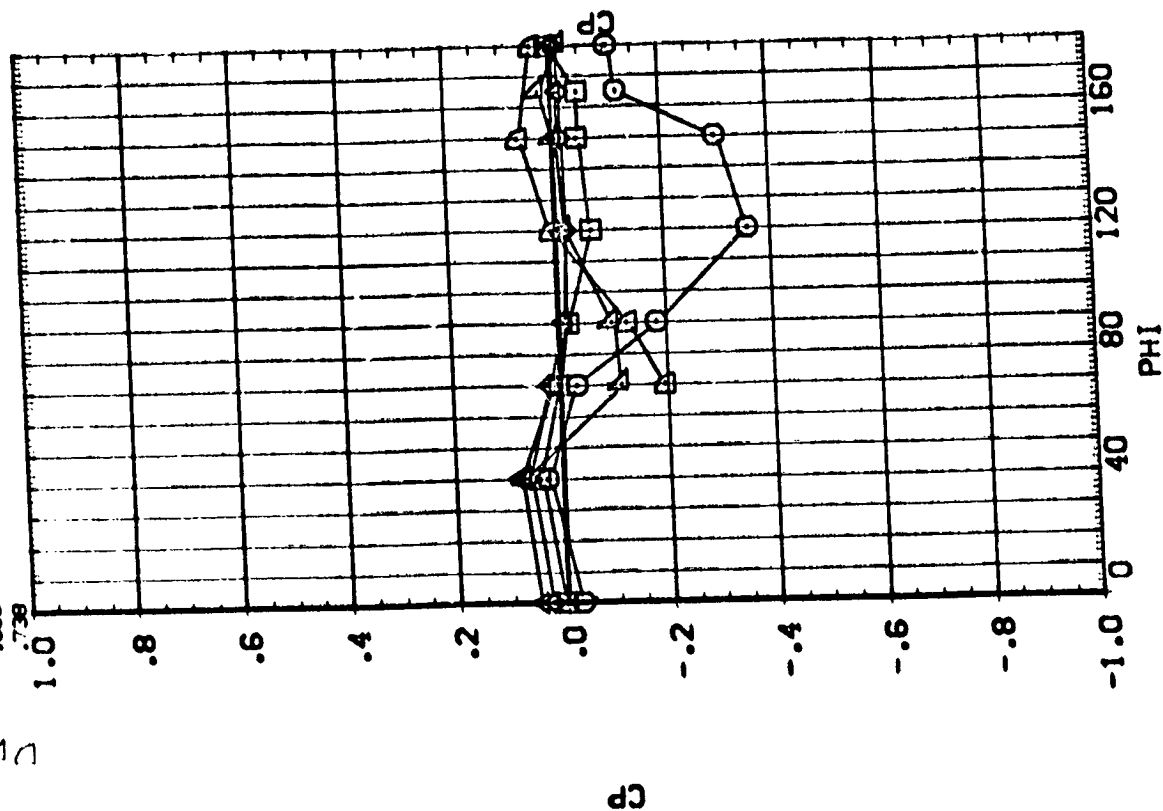
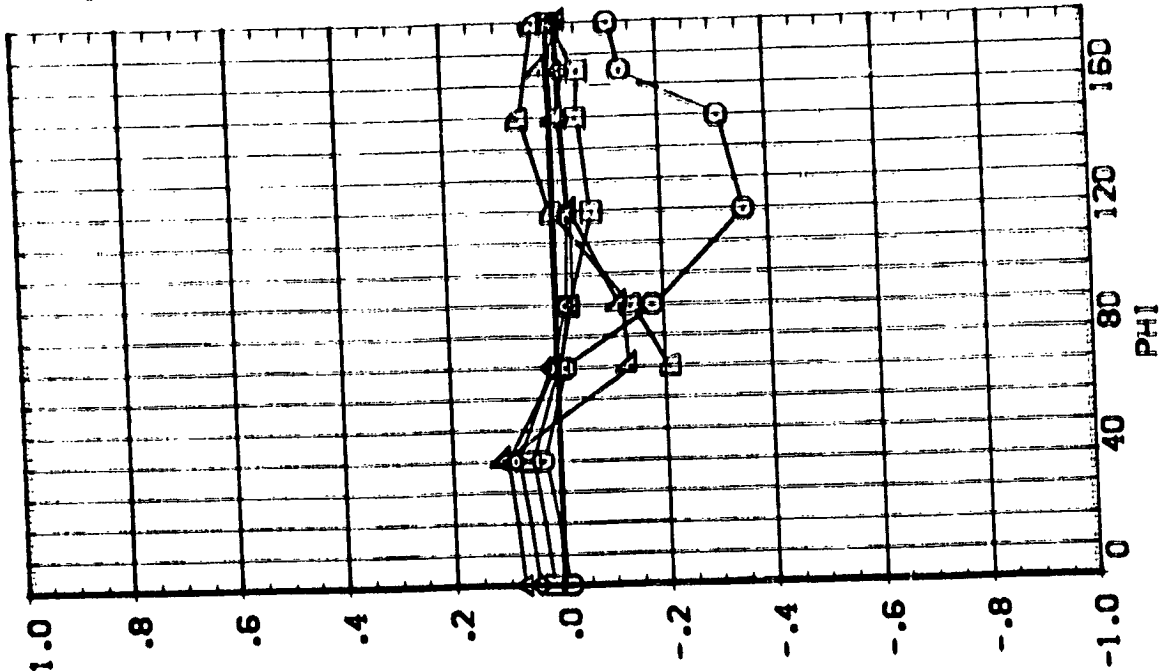


3:00537V2F:W87E:8VSR5G: LEFT FUSELAGE

(RDLBC:)

PARAMETRIC VALUES  
ELEVTR .000 RUDIER .000  
RUDFLR 40.000 FLAP -10.000

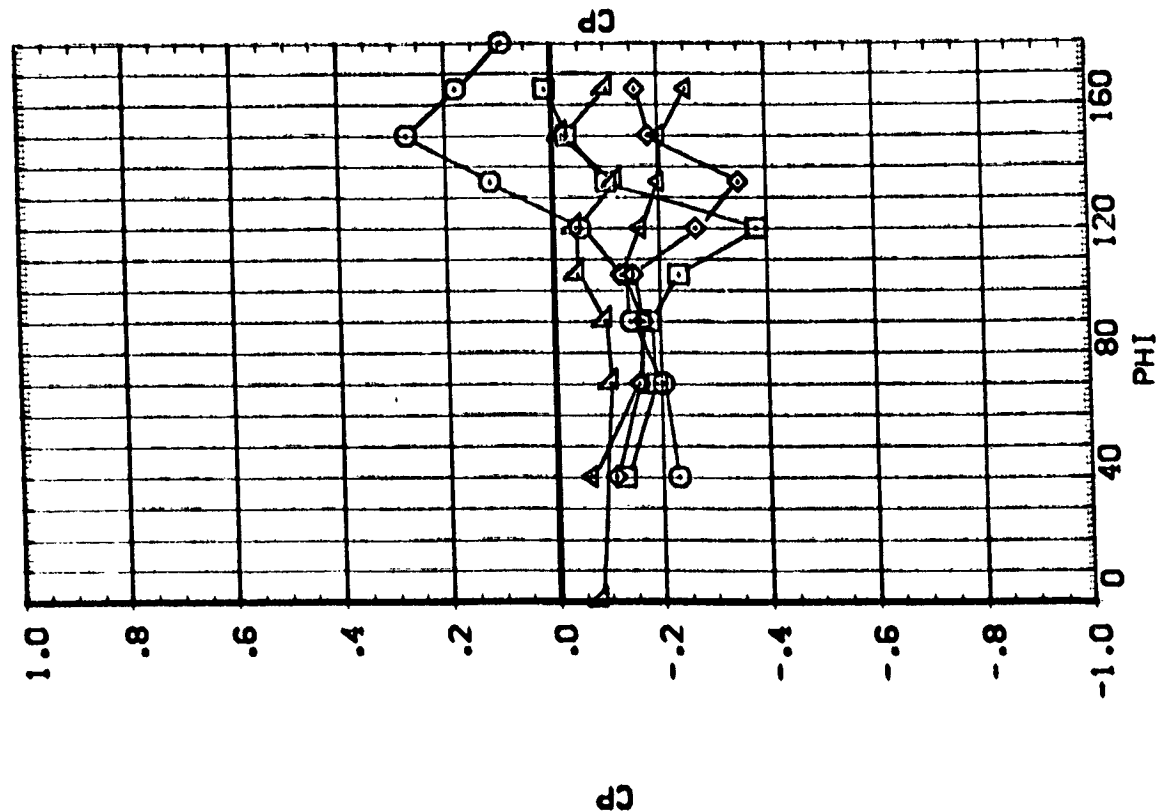
SYMBOL X/L ALPHA BE'A  
◇ .271  
△ .300  
○ .395  
▽ .512  
◇ .663  
◇ .738



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. NEUTRAL RUDDER AND ELEVATOR  
PAGE 257

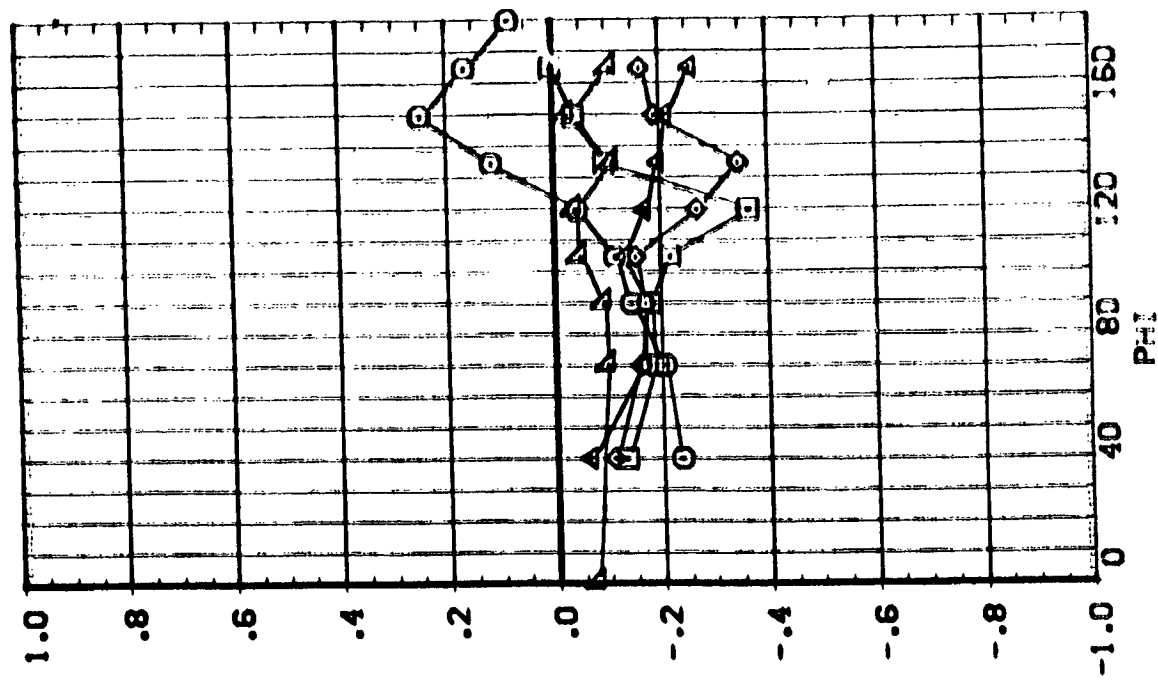
3:00537M2F1W87E18VSR5G: LEFT FUSELAGE

SYMBOL X/L ALPHA BETA  
 011047 .787 .000  
 .878 .990  
 .885  
 .576  
 .954



(POLB01)

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUDDER 40.000 FLAP -18.000





3:00507N2F1W87E18V5R5G: LEFT FUSELAGE

(ROLBC1)

SYMBOL

X/L

ALPHA

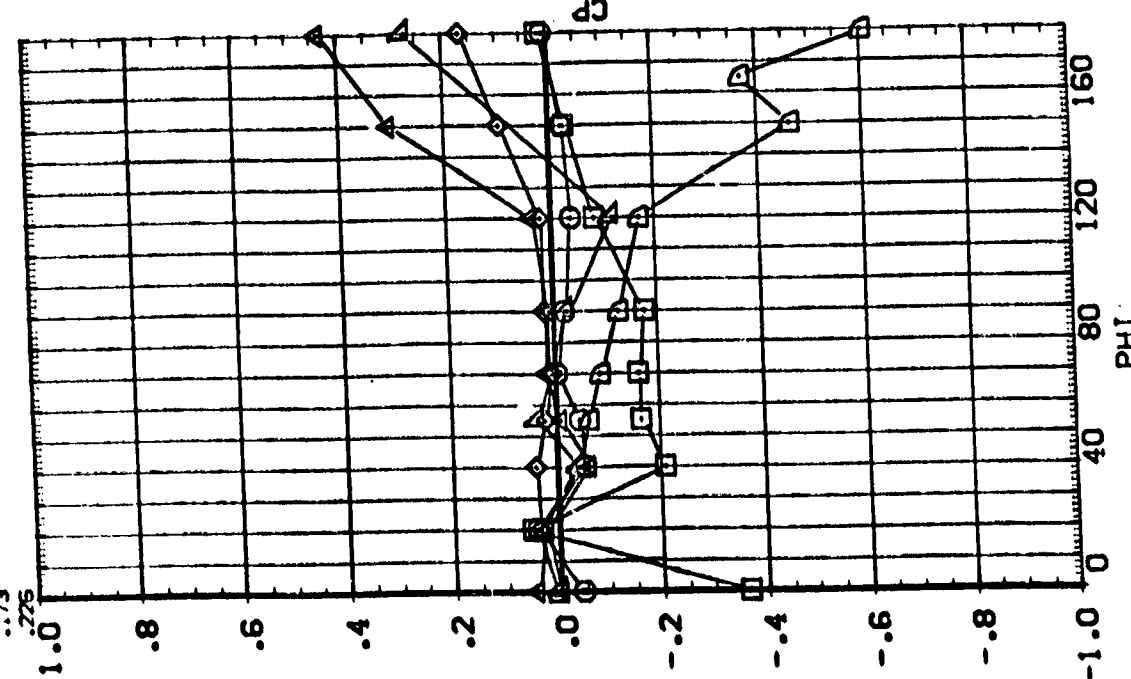
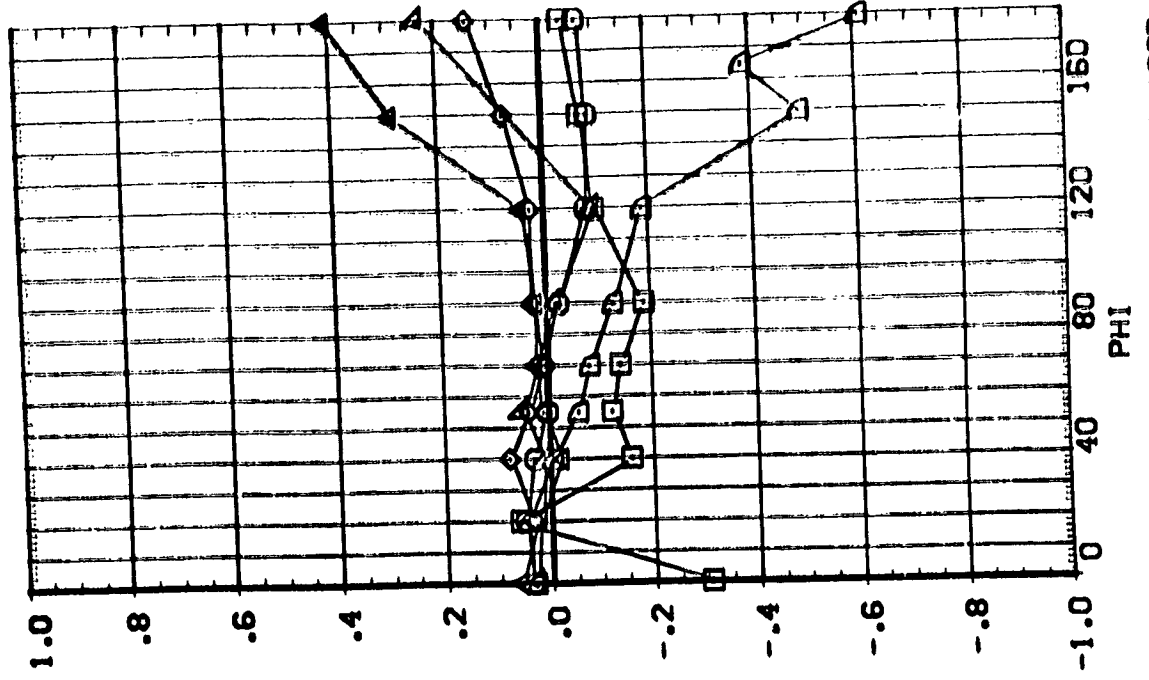
BETA

.019  
.034  
.060  
.136  
.173  
.226

.000

4.000

PARAMETRIC VALUES  
ELEVTR .000  
RUDDER .000  
FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

8100507M2: 1W87E18V5R5G1 LEFT FUSELAGE

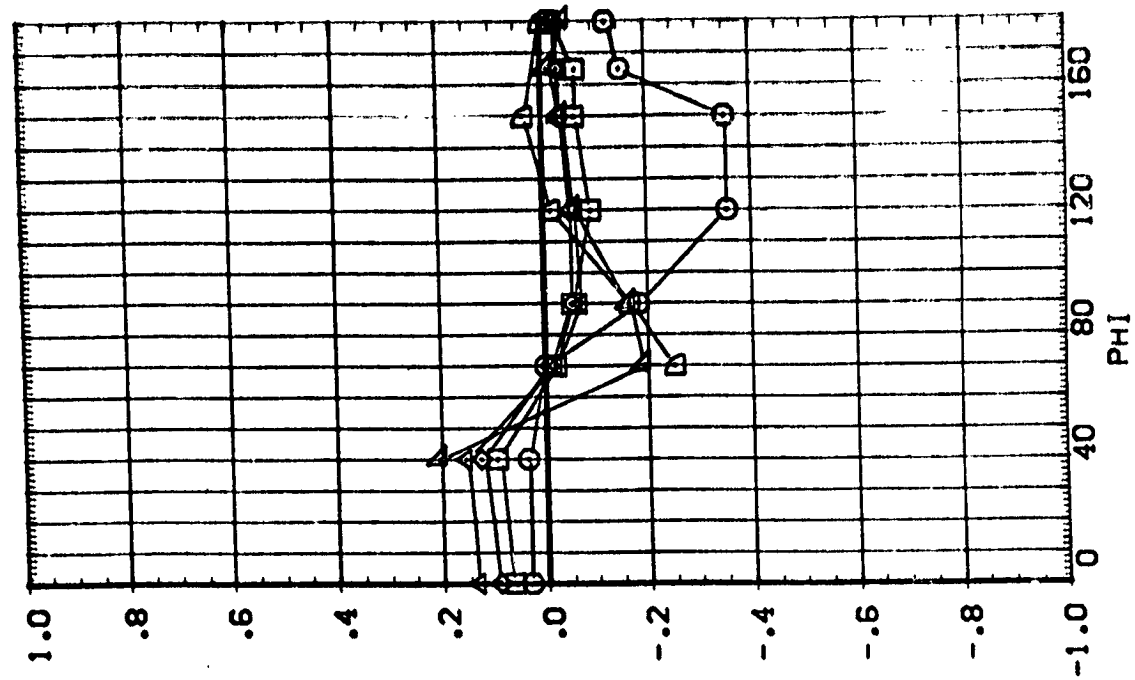
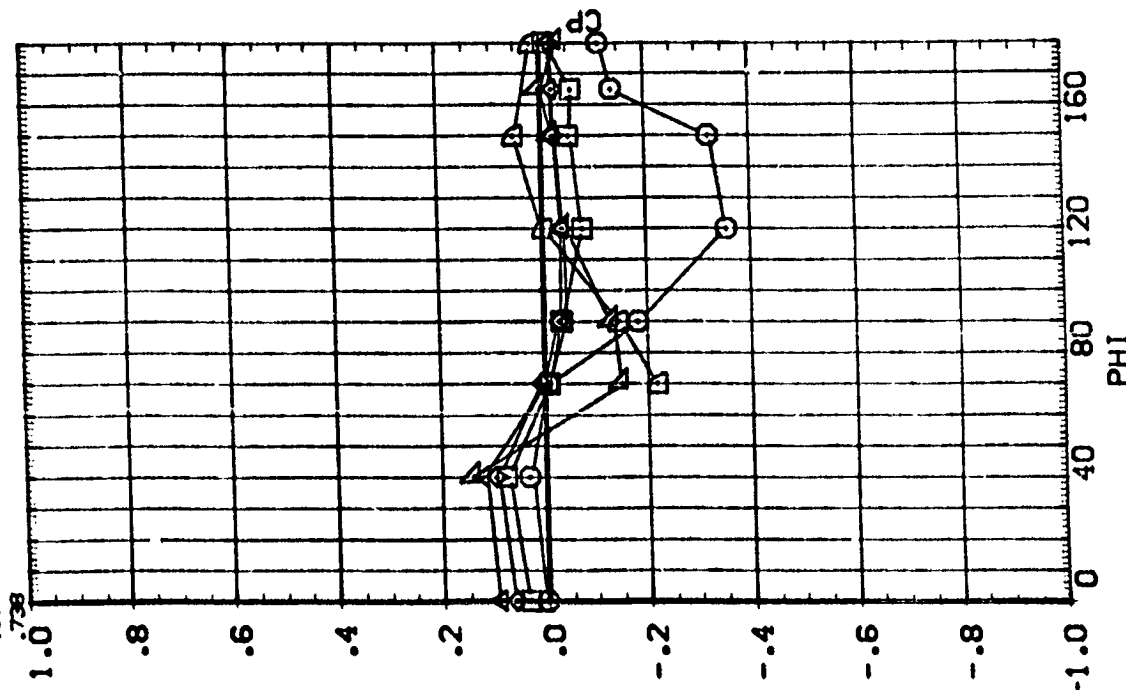
(RDLB01)

SYMBOL

XL

ALPHA BETA

PARAMETRIC VALUES  
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RDFLR 40.000 FLAP -18.000



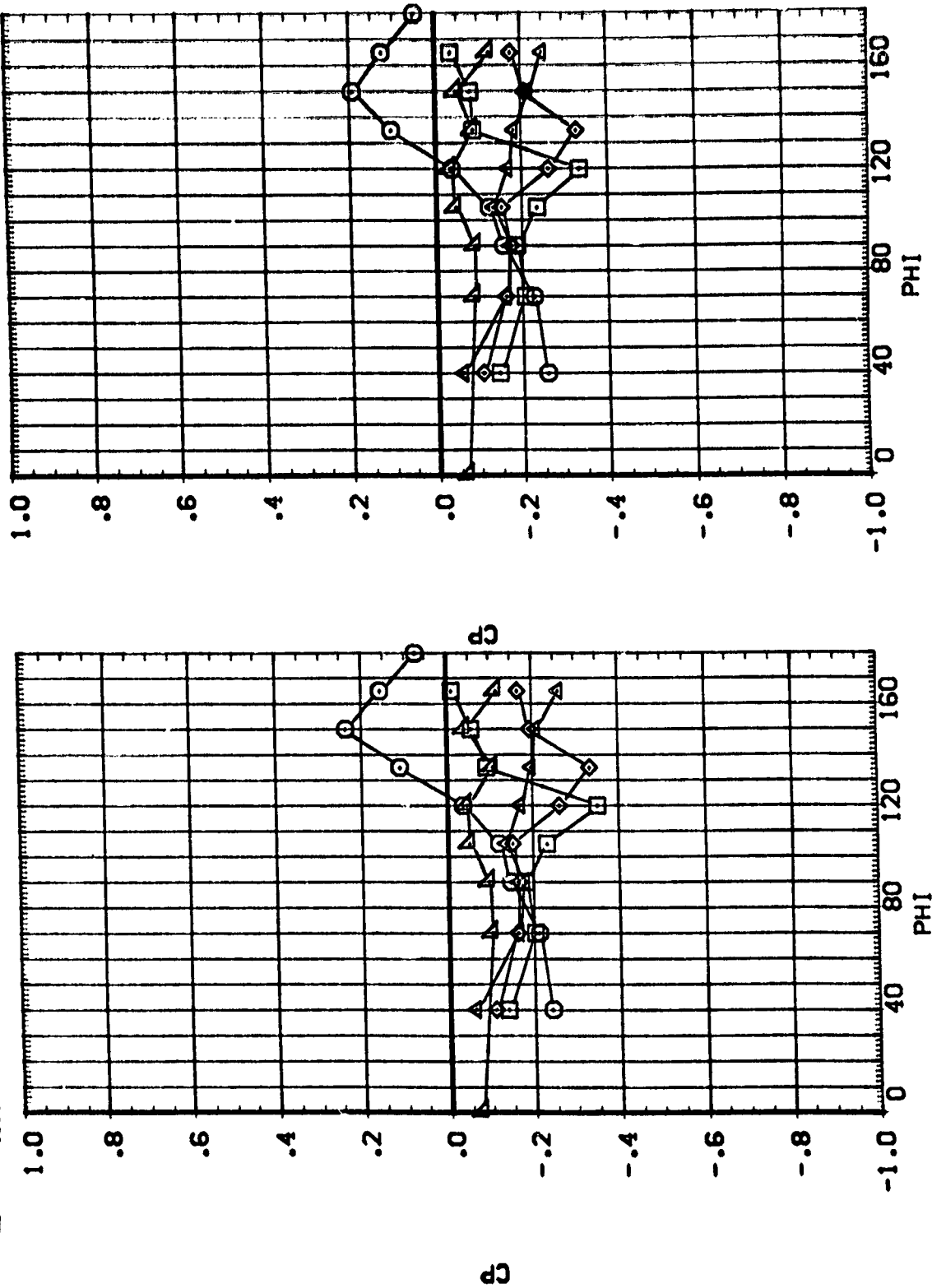


B1005D7M2: 1W87E18V5R5G1 LEFT FUSELAGE

(RDLB01)

SYMBOL	X/L	ALPHA	BETA
◇	.787	2.030	.000
□	.828	4.030	
△	.885		
◇	.926		
△	.964		

PARAMETRIC VALUES			
ELEVTR	RJDFLR	40.000	RJDER
.000	.000	.000	.000
.000	.000	.000	.000





3:00507M2: 1W87E18VSR5G: LEFT FUSELAGE

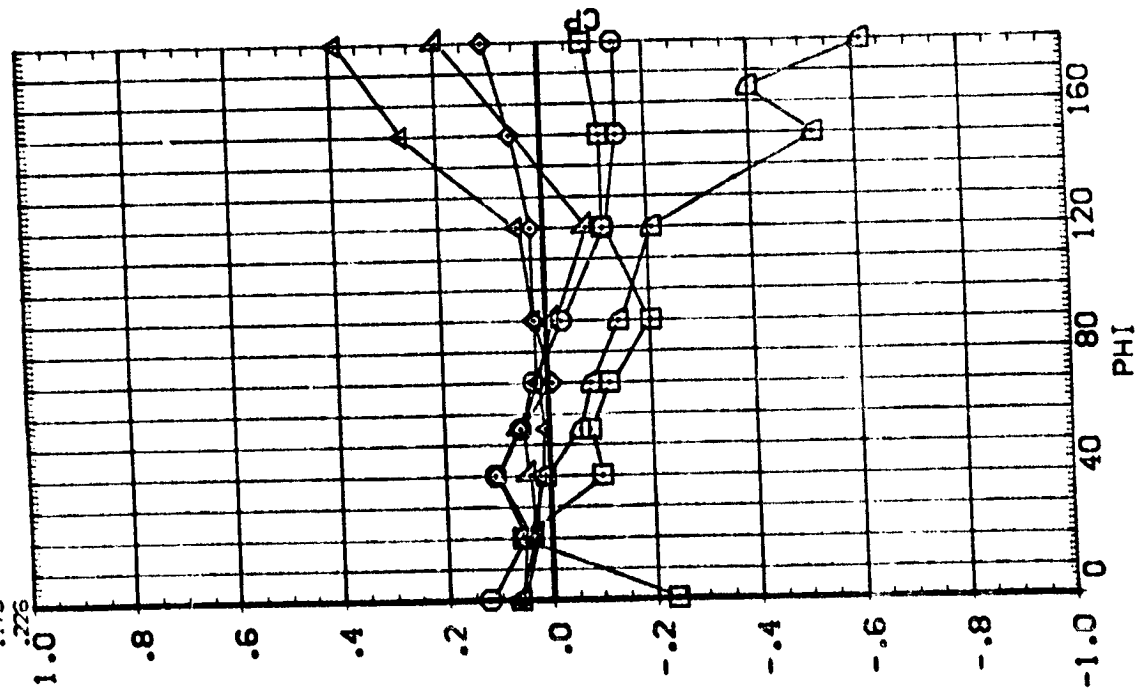
(RDLB01)

SYNCD

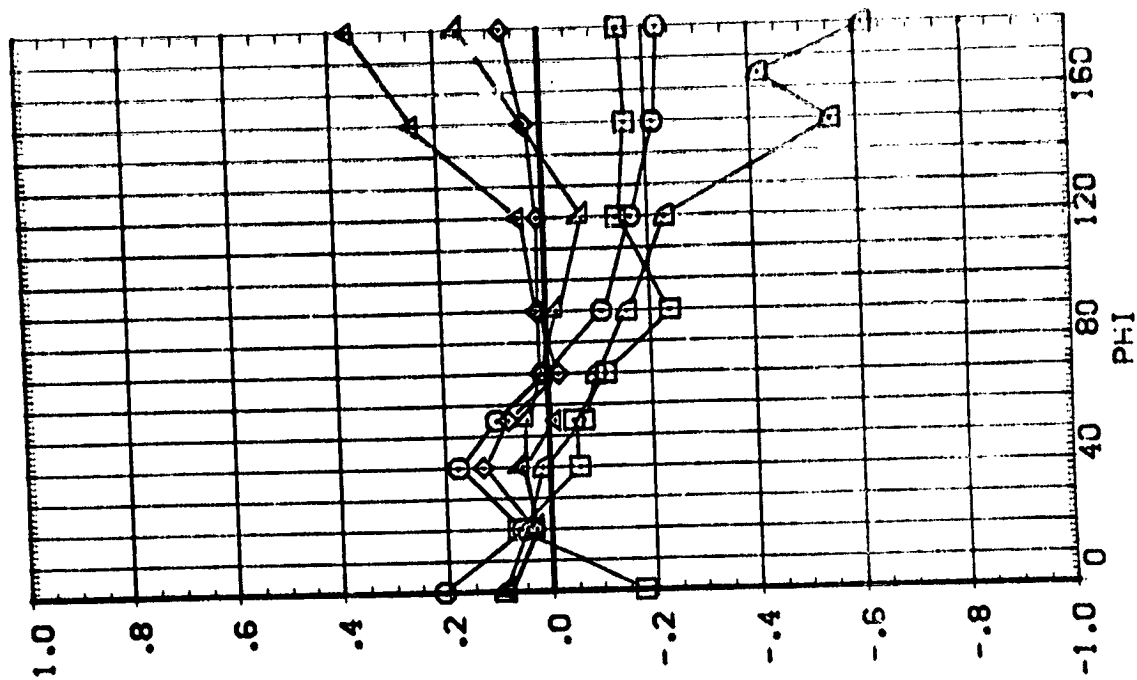
X/L

ALPHA 6.080  
BETA .010

.019  
.034  
.060  
.136  
.173  
.226



PARAMETRIC VALUES  
ELEVTR .000 RUDER .000  
RUDFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

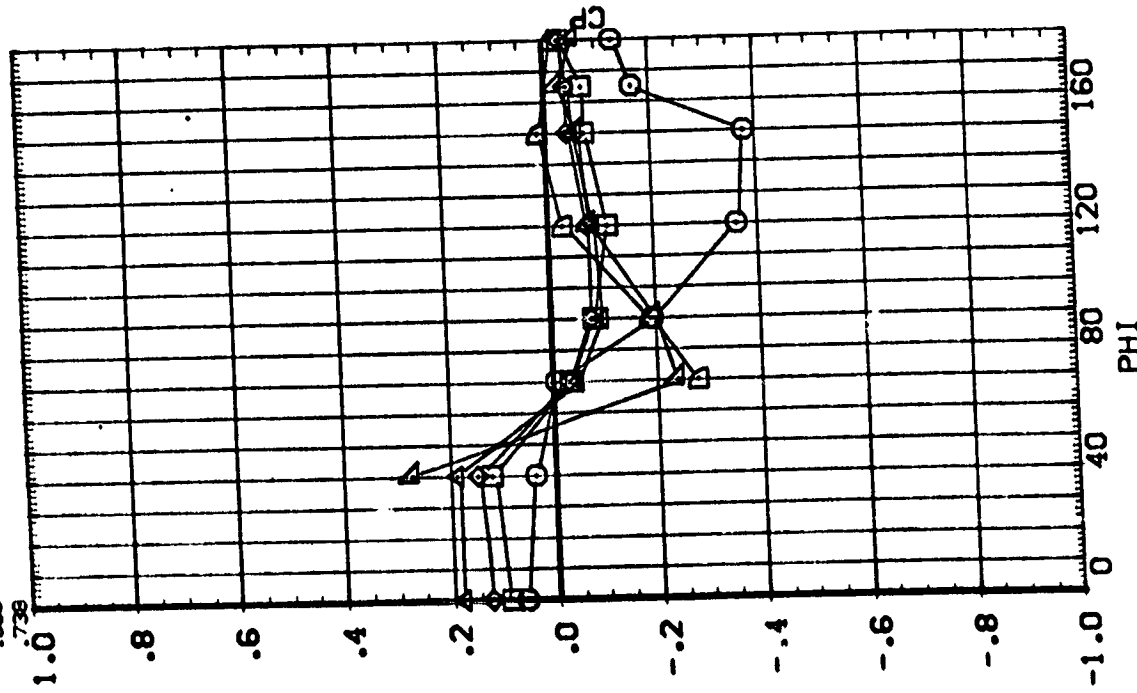
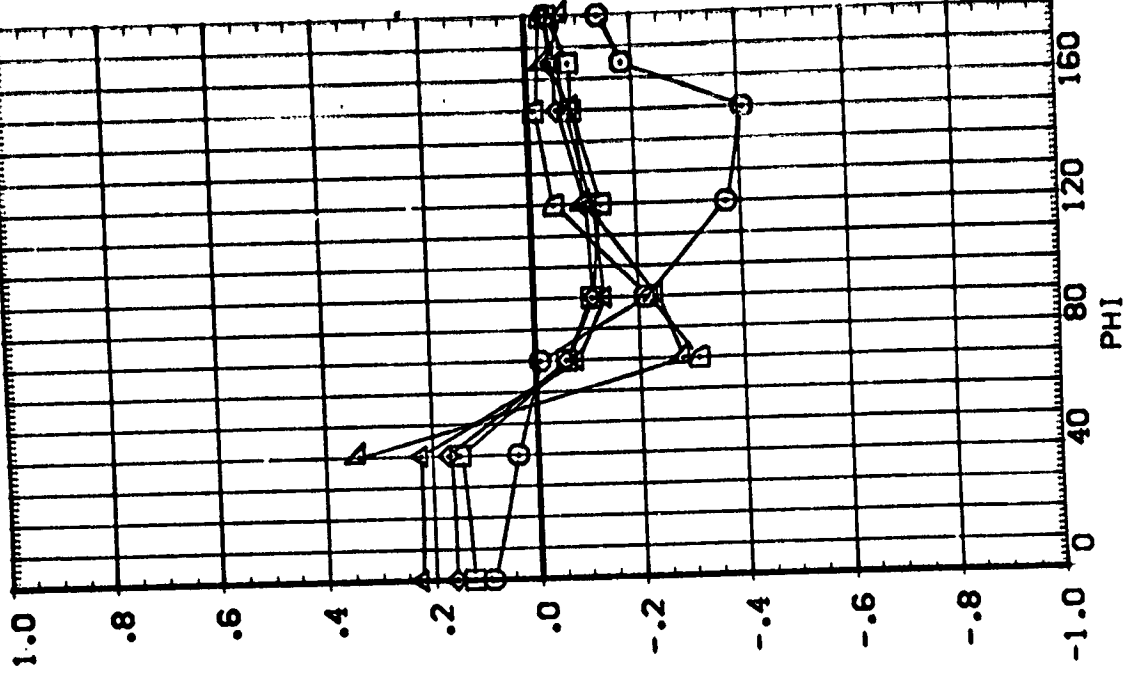


B:00507M2F:W87E18V5R5G1 LEFT FUSELAGE

(RDLB01)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFLR 40.000 FLAP -10.000

SY-2C X/L  
ALPHA .271  
BETA .010  
5.08C  
8.11G  
.32C  
.395  
.512  
.663  
.738



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
PAGE 263





3:00507M2F1487E18V5R5G1 LEFT FUSELAGE

(RDLB01)

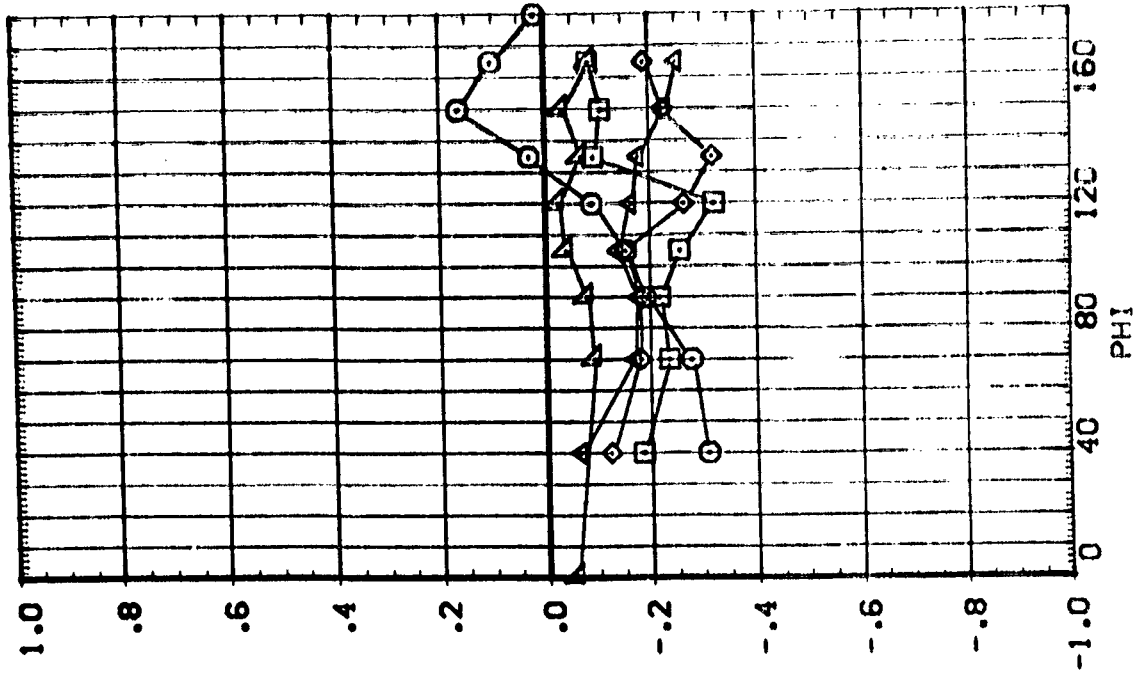
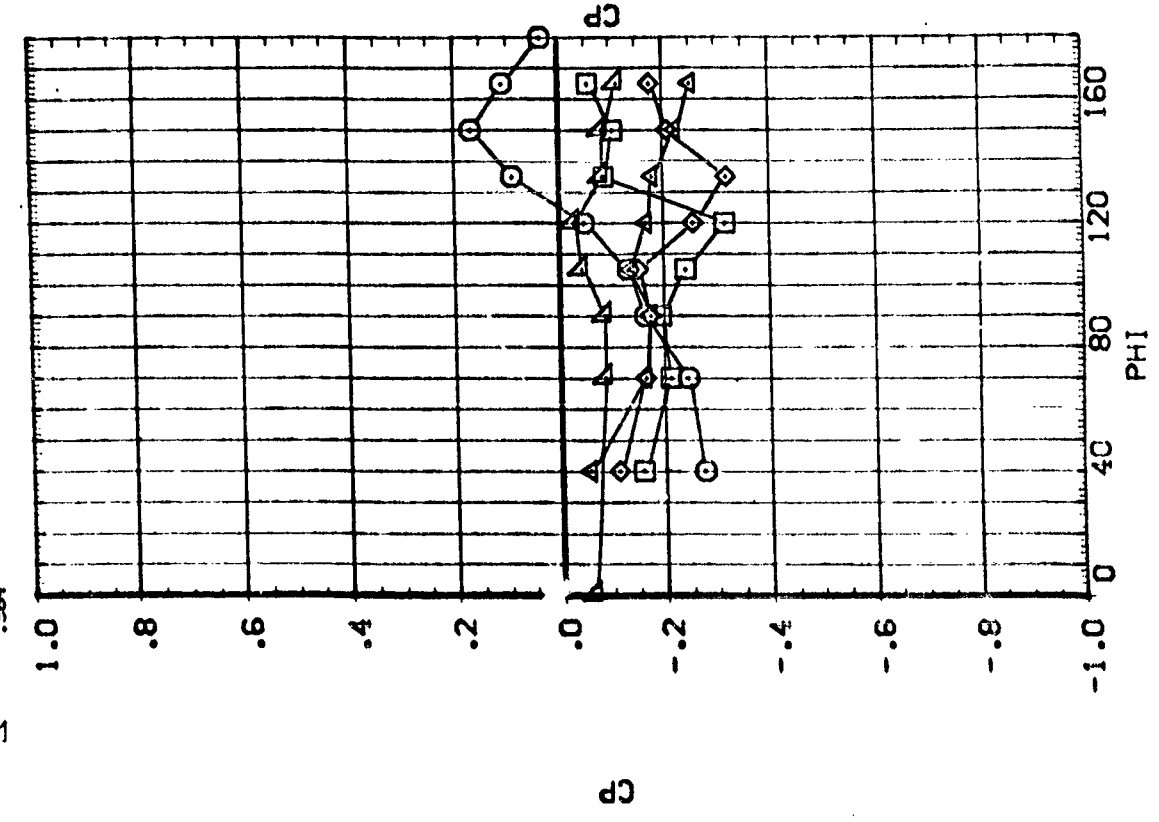
SYMBOL  
O  
□  
◇  
△

VAL  
.787  
.878  
.885  
.926  
.954

A<sub>0</sub>MA  
6.080  
8.113

BETA  
.010

PARAMETRIC VALUES  
ELEVTR .000  
RUOFLR 40.000  
RUDDER .000  
FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



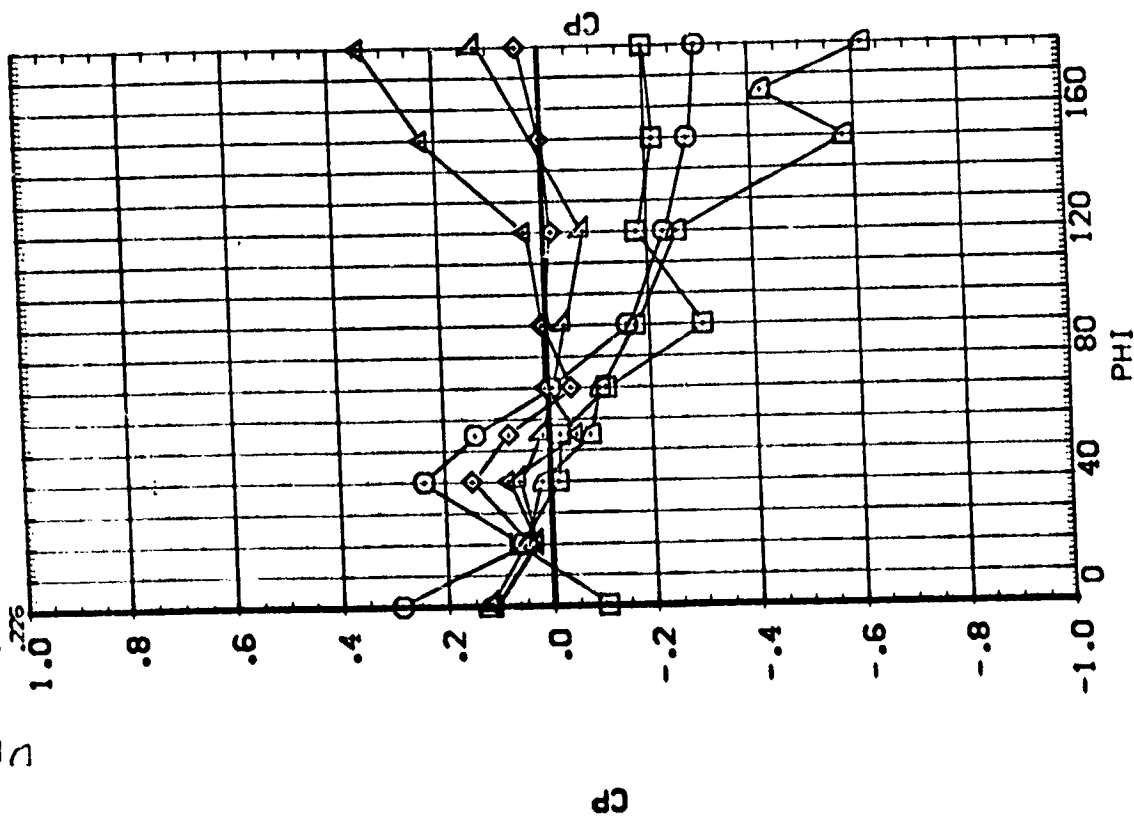
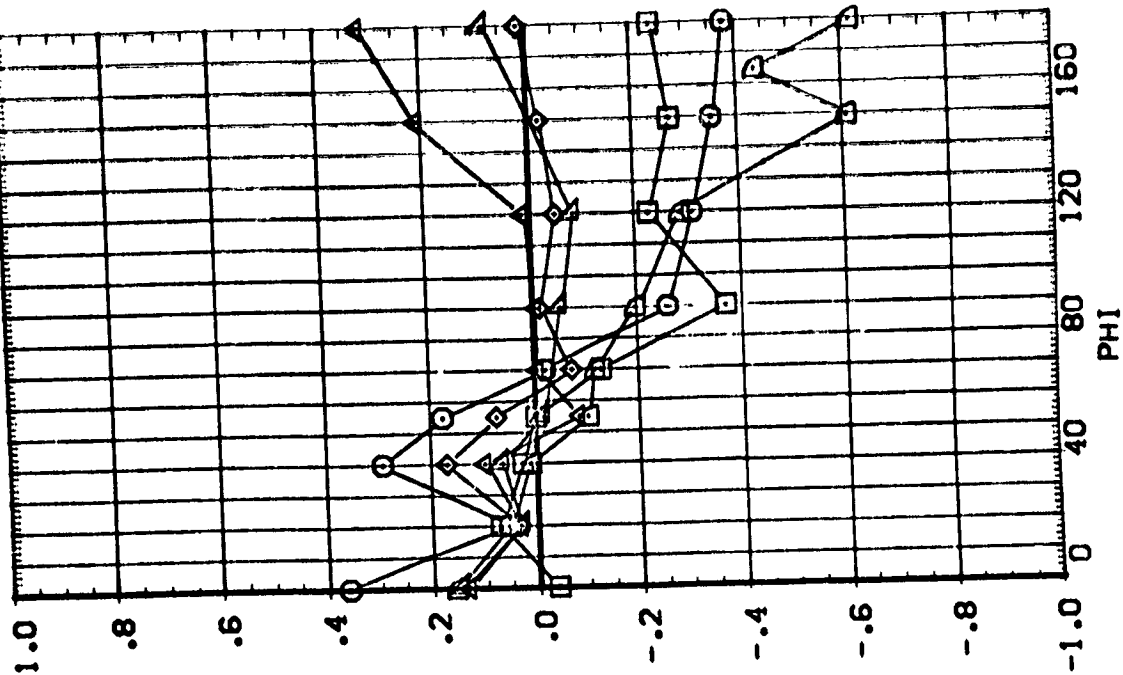
B:0050772:1871:8VSR5G: LEFT FUSELAGE

(RDLB01)

SV50  
0110440

A. PMA B. TA .000  
10.120  
12.700

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

(RD-301)

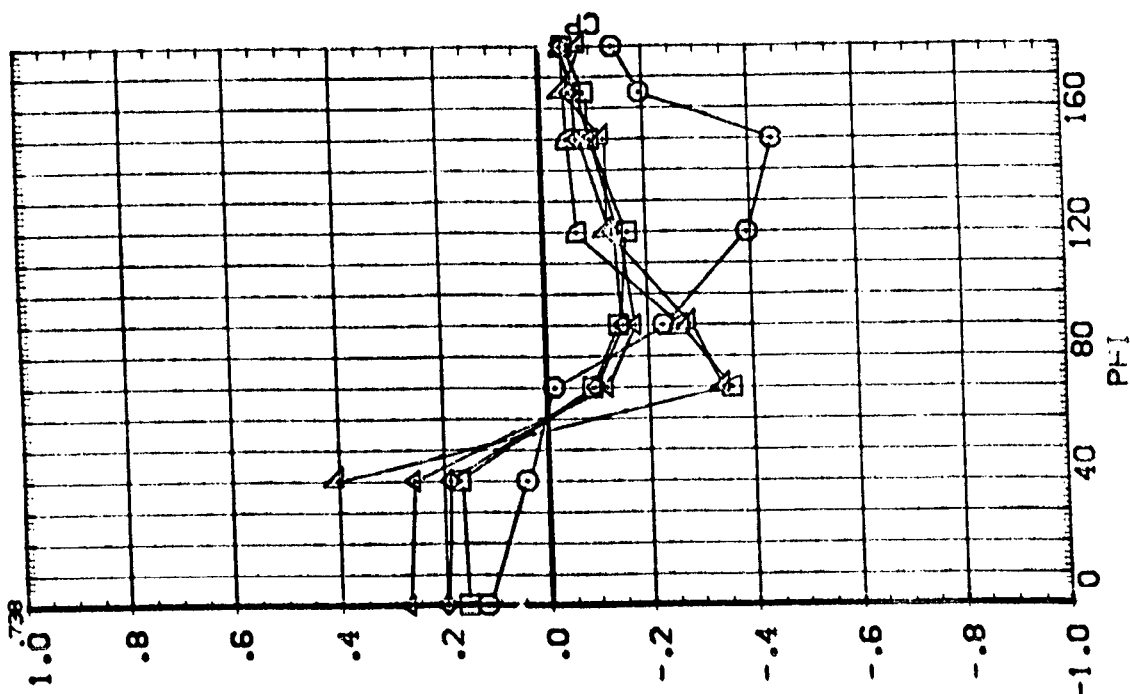
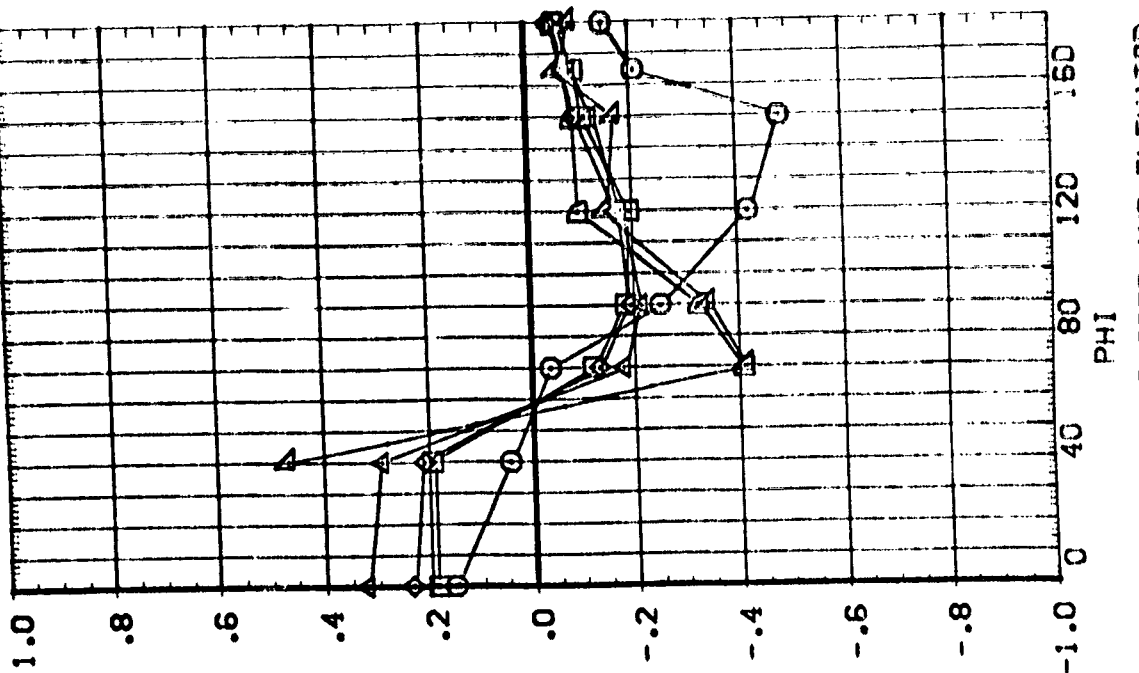
3:00507V2F:W87E18V5R5G: LEFT FUSELAGE

SYNCD

ALPHA  
0.271  
0.300  
0.395  
0.512  
0.663  
0.738

BETA  
0.000  
0.000  
0.000  
0.000  
0.000  
0.000

PARAMETRIC VALUES  
ELEVTR .000  
RUDDER .000  
FLAP -18.000



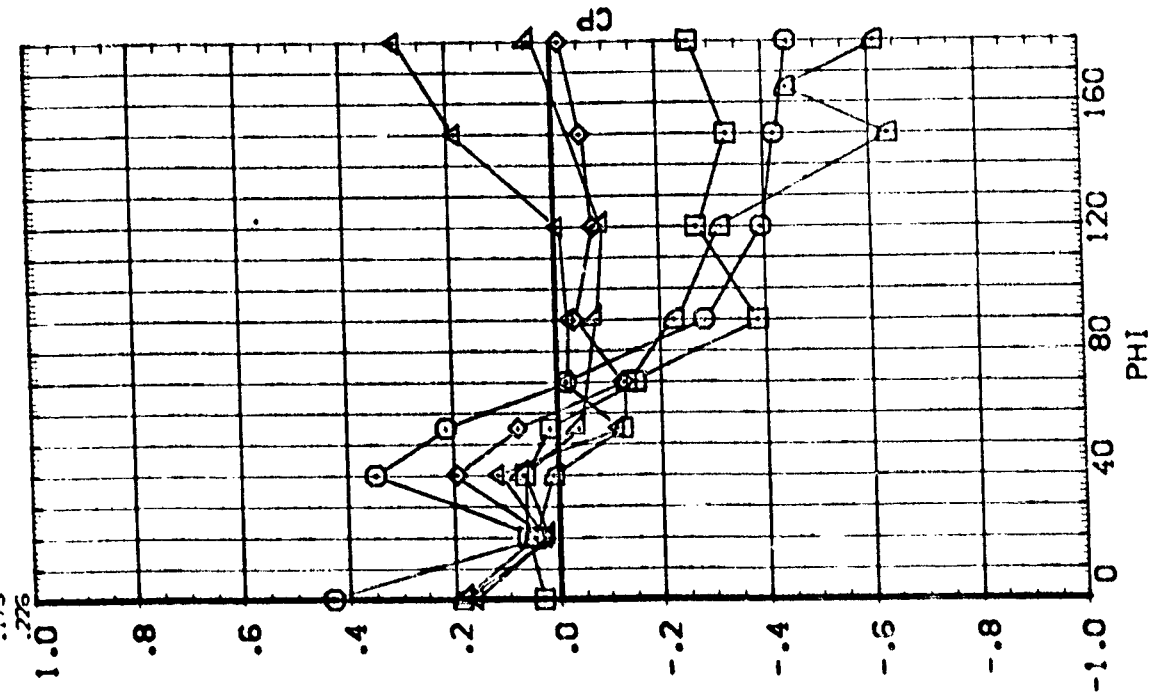
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



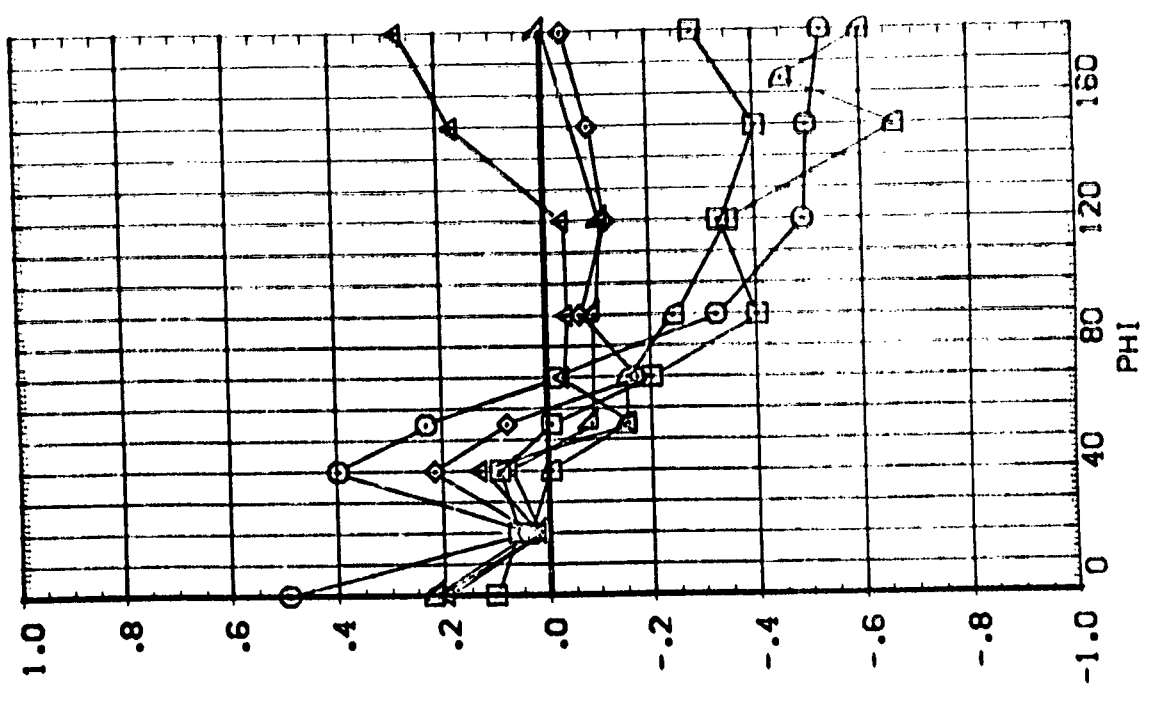
810050742:187E:8V5P5G: LEFT FUSELAGE

(ORDR01)

SYNOPSIS  
 X/L ALPHA BETA  
 .019 14.24C .000  
 .034 16.23C  
 .060  
 .136  
 .173  
 .276



PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUDFLR 40.000 FLAP -10.000



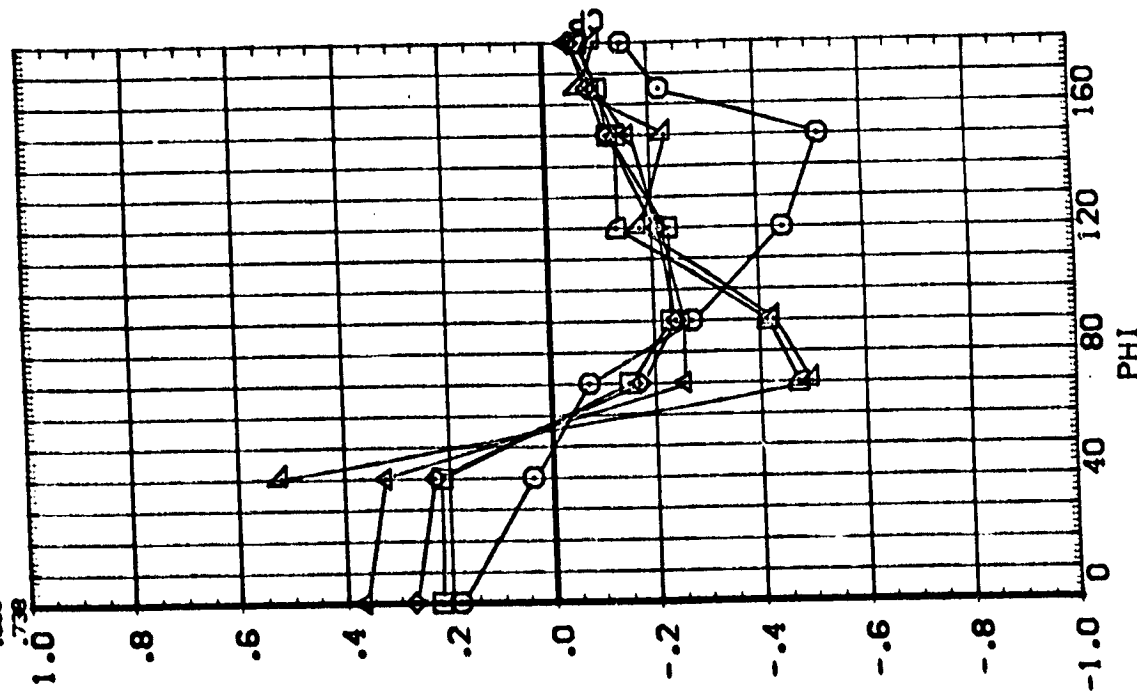
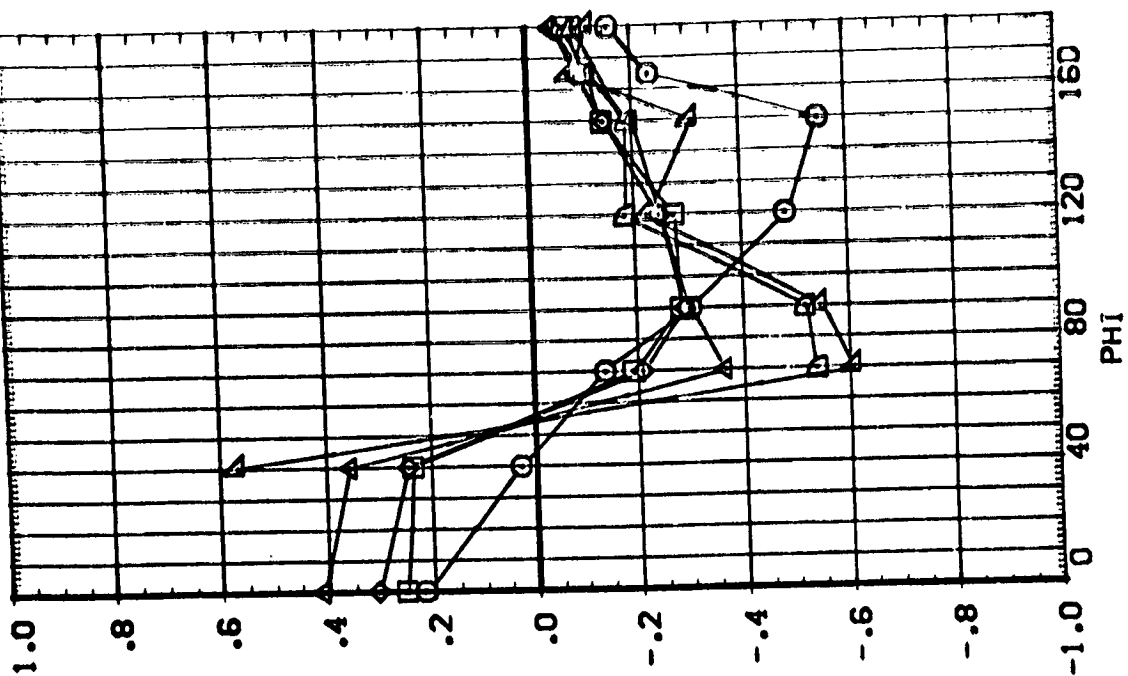
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 268

(RDL\_BC:)

PARAMETRIC VALUES	
ELEVTR	.000
ROFLR	40.000
RODR	.000
FLAP	-18.000
	.000

TOBAS	7X	ALPHA	BETA
( )	1.77	14.243	.000
	2.30	16.230	

XN	A-7-A
.271	:4.243
.320	:6.230



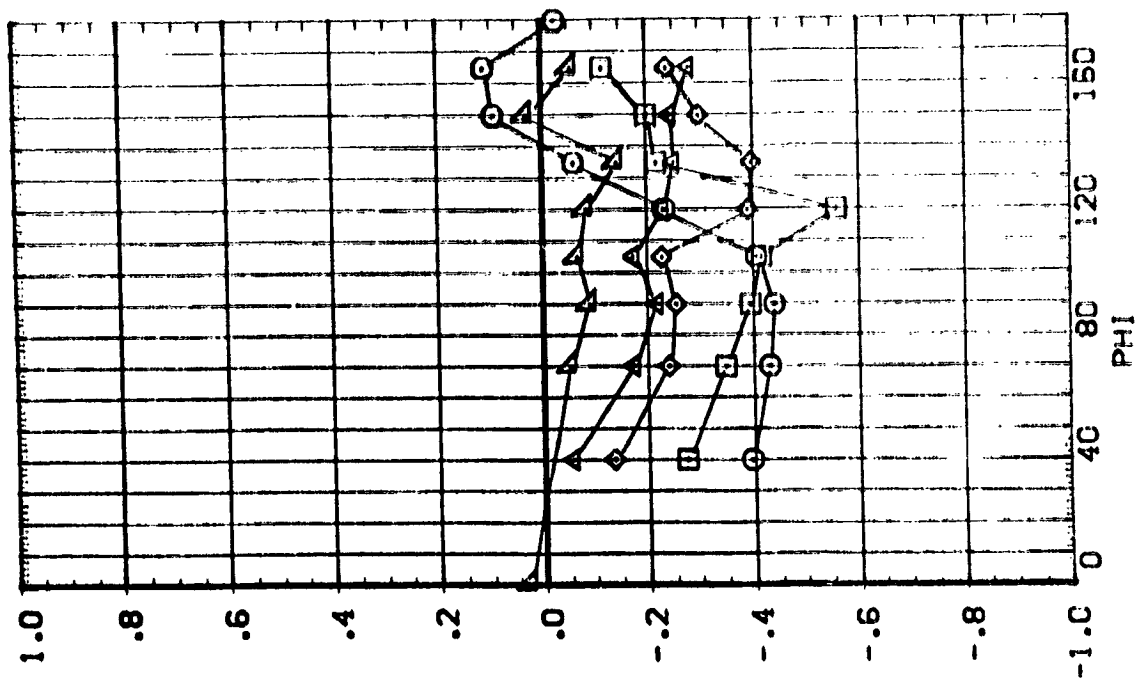
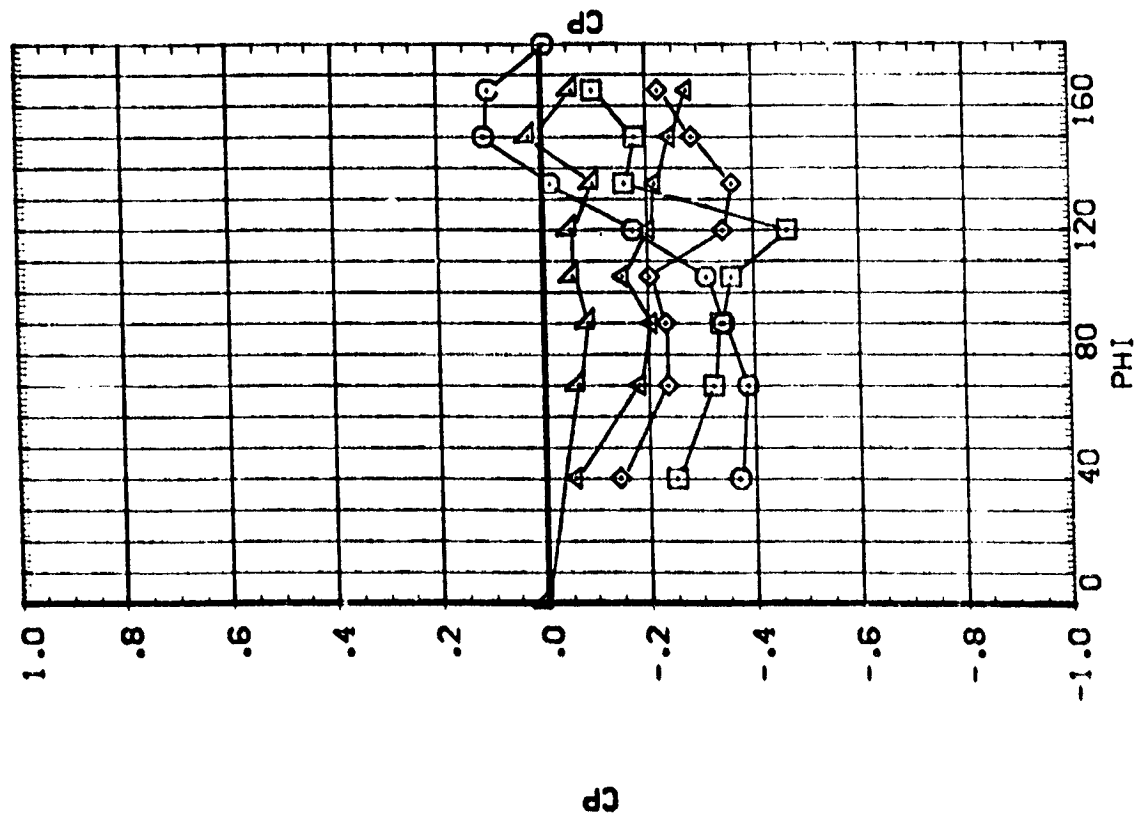
PHI  
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

3:00507M2F1W87E18V5R5G: LEFT FUSELAGE

(RDLB01)

SYSC. X/L ALPHA BETA  
 .787 14.243 .000  
 .828 16.23C  
 .885  
 .926  
 .984

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 270



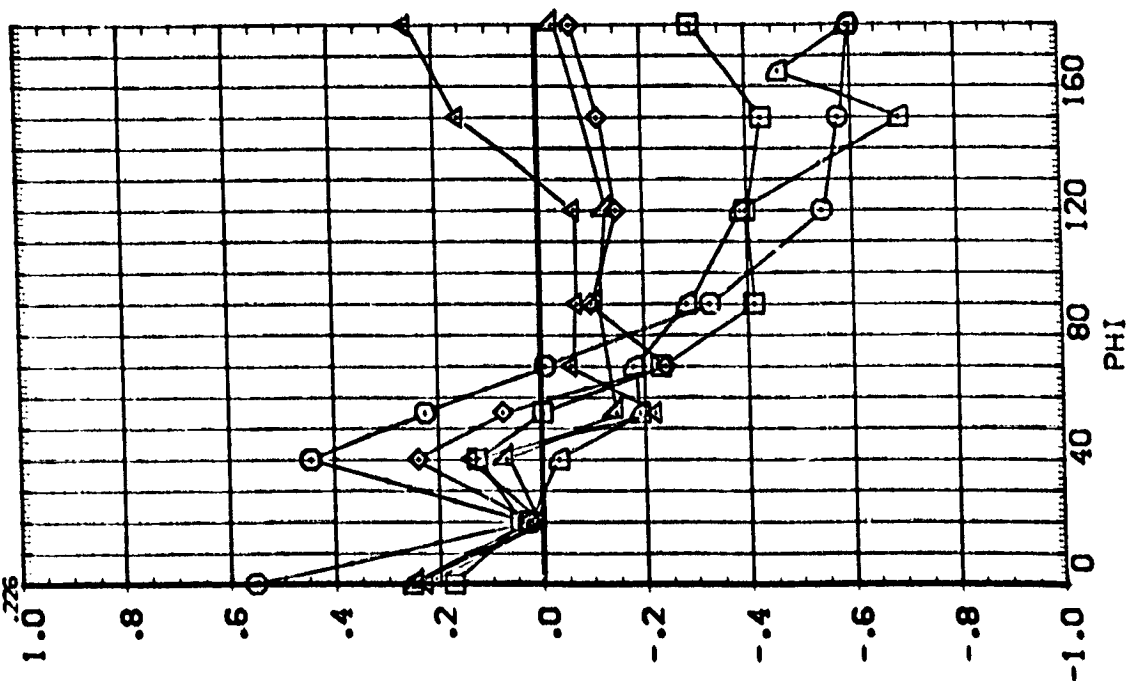
B:00507M2F:087E18VSR5G1 LEFT FUSELAGE

(ROLB01)

SYMBOL  
 1  
 2  
 3  
 4  
 5

X/L    A.P.A    BETA    .000  
 .019    18.300  
 .034  
 .060  
 .136  
 .173  
 .226

PARAMETRIC VALUES  
 .000    .000    .000  
 ELEVTR    RUDDER    FLAP  
 40.000    40.000    40.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

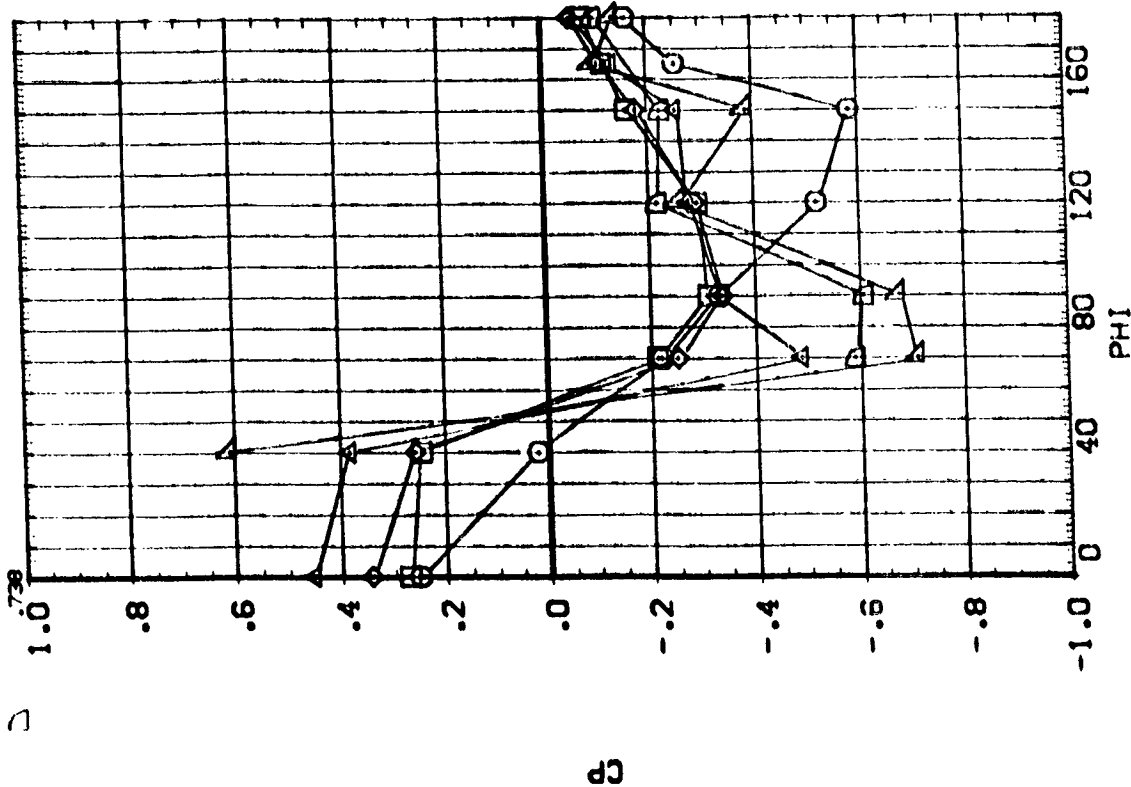


CRDLB011

3100000721187E18.5R5G: LEFT FUSELAGE

PARAMETRIC VALUES  
 ELEVTR .000 RUBBER .000  
 RUBER 40.000 FLAP -18.000

SYMBOLS  
 ALPHA BETA  
 .271 .000  
 .300  
 .305  
 .512  
 .663  
 .738



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUBBER AND ELEVATOR

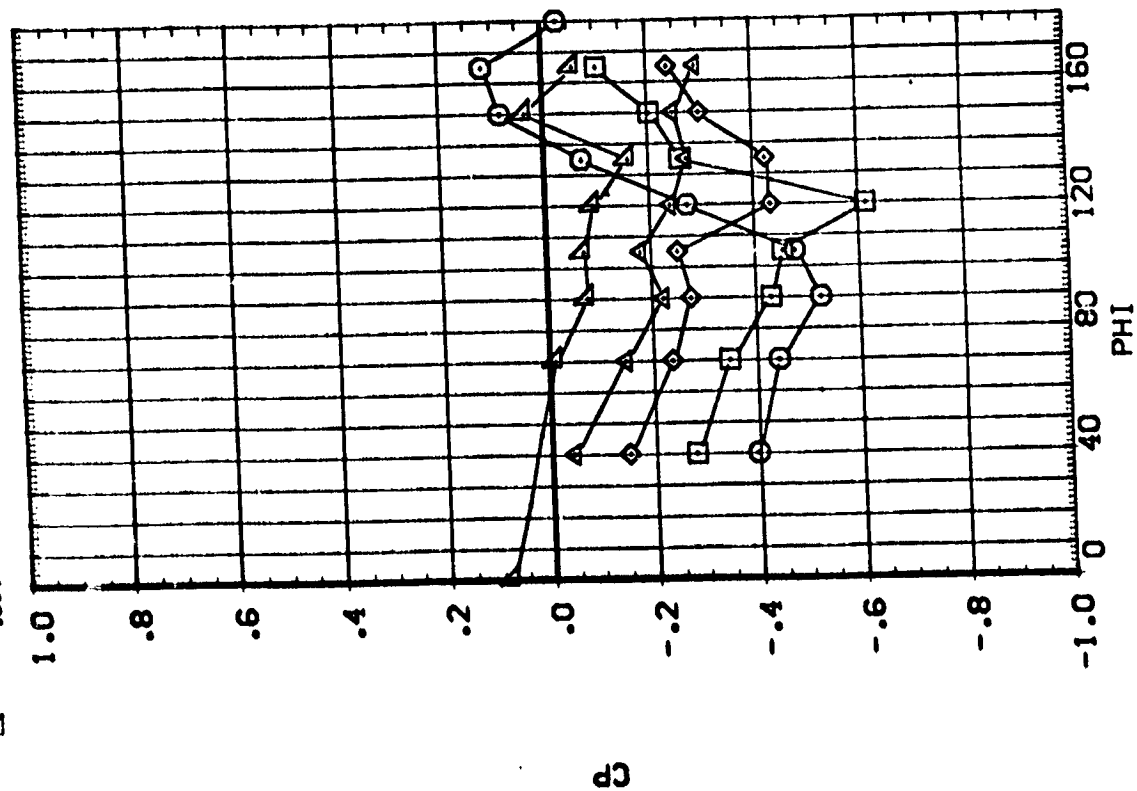


3:0055272: 1487: 18VSR55: LEFT FUSELAGE

(R01B01)

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 R0FLR 40.000 FLAP -18.000

SYMBOL X/L ALPHA BETA  
 0110 .787 .000  
 1010 .828 .000  
 1100 .885 .000  
 1110 .926 .000  
 1111 .951 .000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. NEUTRAL RUDDER AND ELEVATOR

B100507M21:W87E18V5R5G1 LEFT FUSELAGE

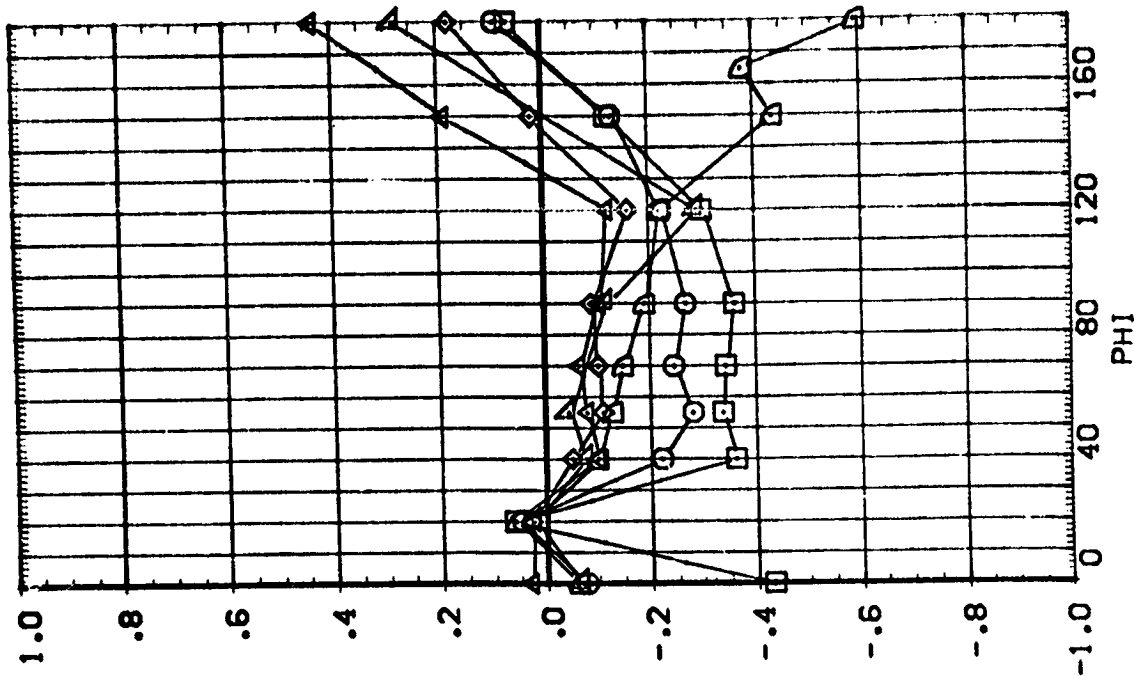
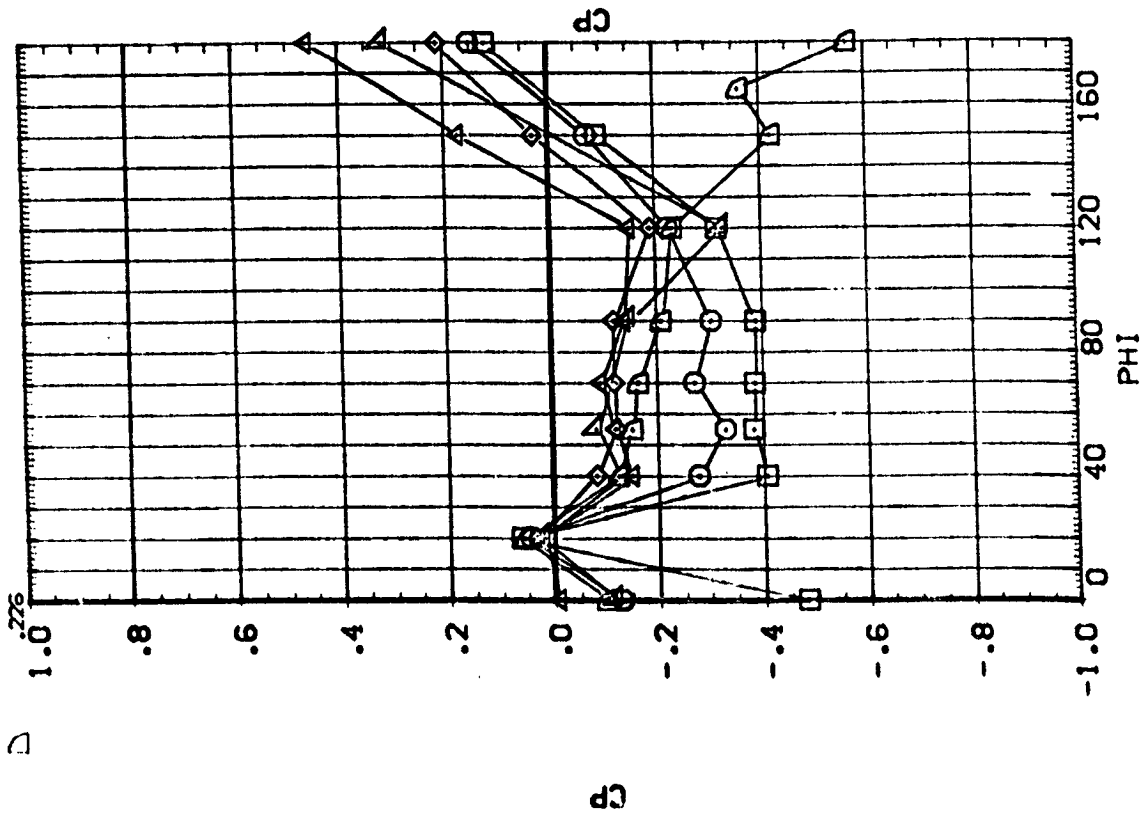
(RDLB01)

SYNCH. X/L  
 .019  
 .034  
 .060  
 .136  
 .173  
 .226

A P/A  
 -3.03C  
 -1.010

BE TA  
 5.000

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



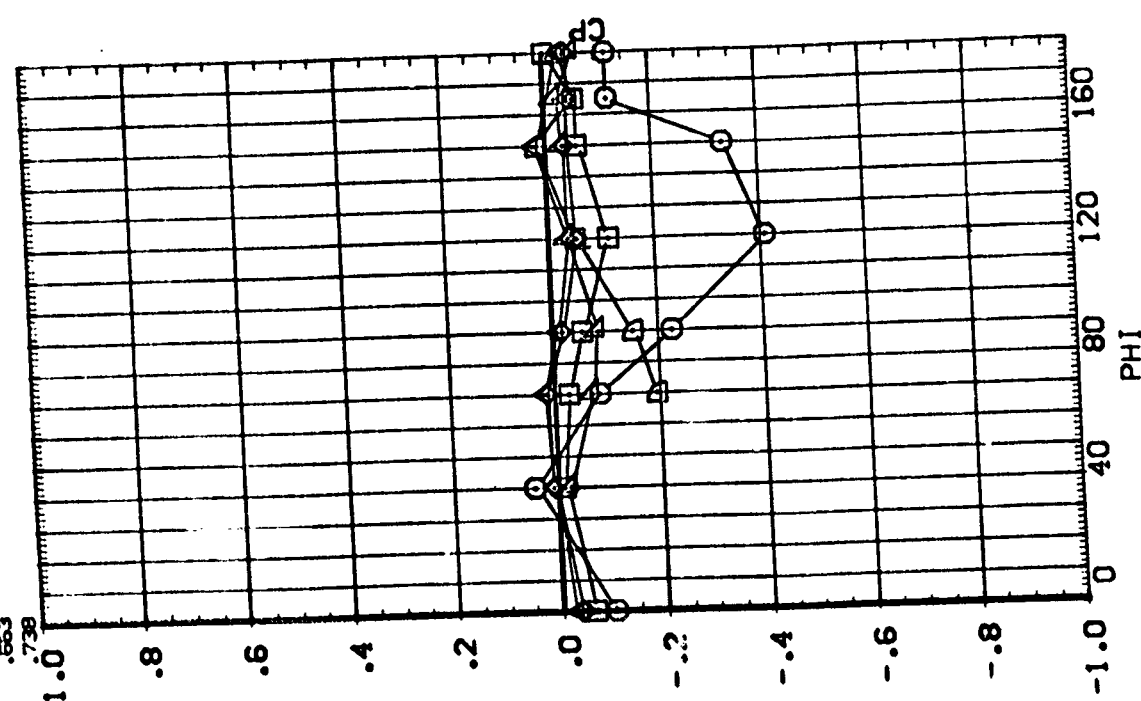
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



B100507M7:W87E18V5R5G: LEFT FUSELAGE

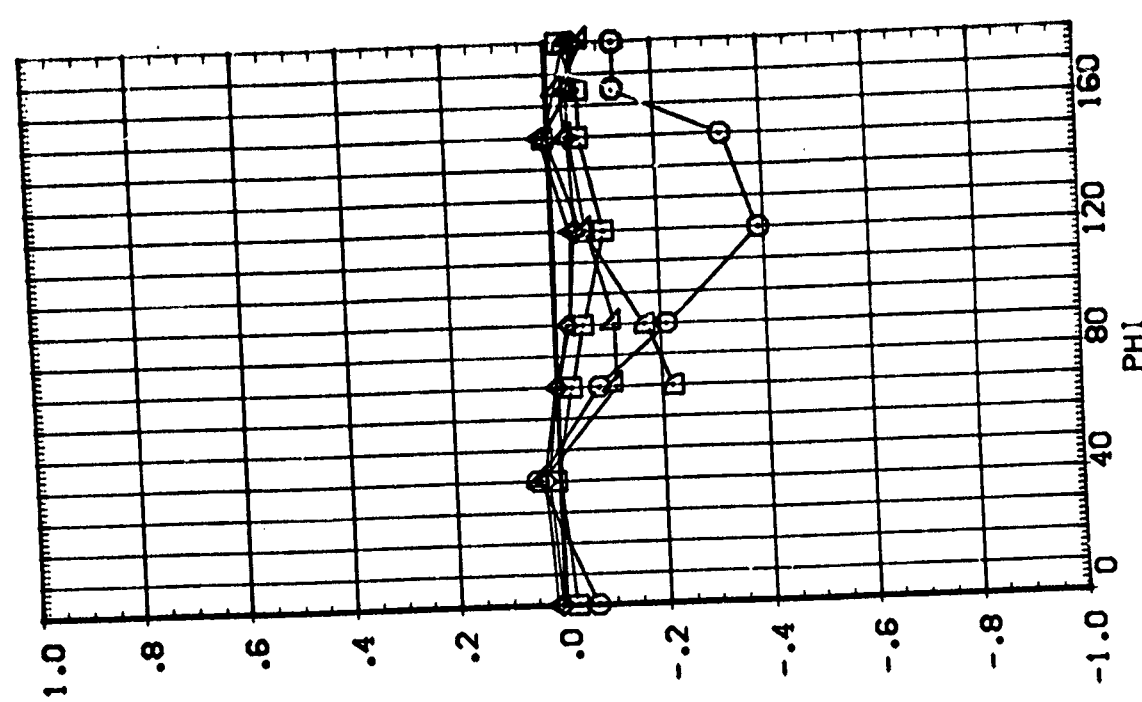
SYNCC  
X/L  
A, PHA  
-3.03C  
-1.010  
BETA  
5.000

0.771  
.320  
.395  
.512  
.663  
.738



(RDLB01)

PARAMETRIC VALUES  
ELEVTR  
RUDFLR  
RUDDER  
FLAP  
.000  
40.000  
.000  
-18.000

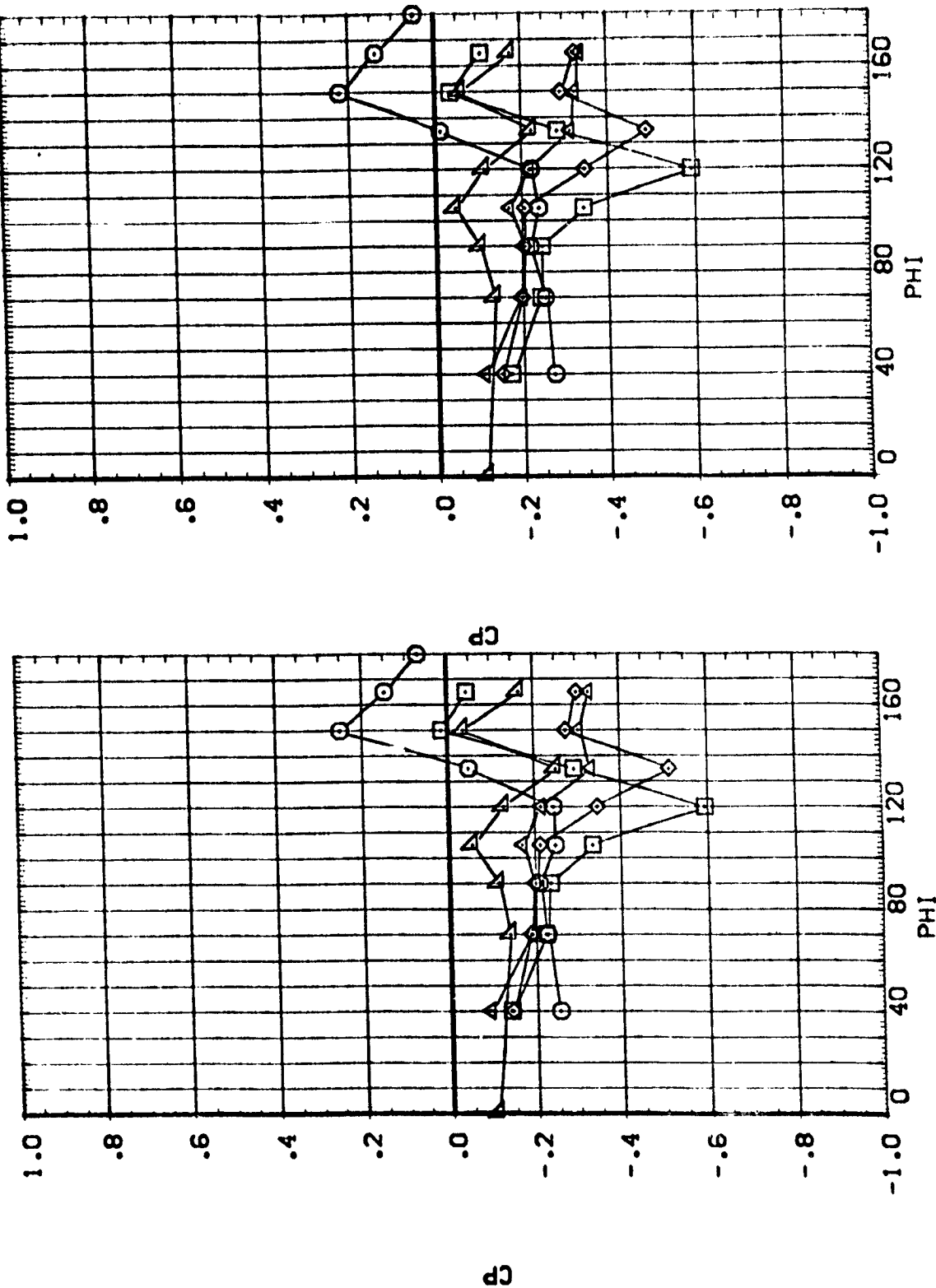


(RDL801)

3:0000000 14875:845R5G: LEFT FUSELAGE

54300 X/L .787 3.030 5.000  
 011047 .878 1.010  
 .885  
 .926  
 .954

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 276



3:00507M7: 148/1:8/5R5G: LEFT FUSELAGE

(RDLB01)

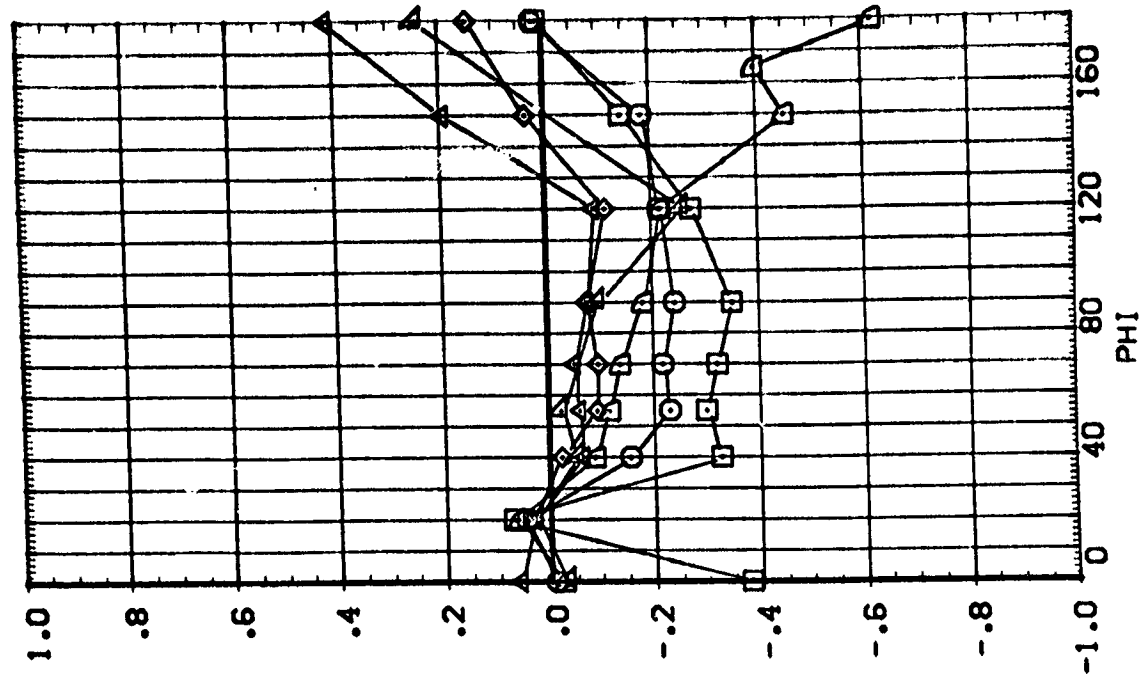
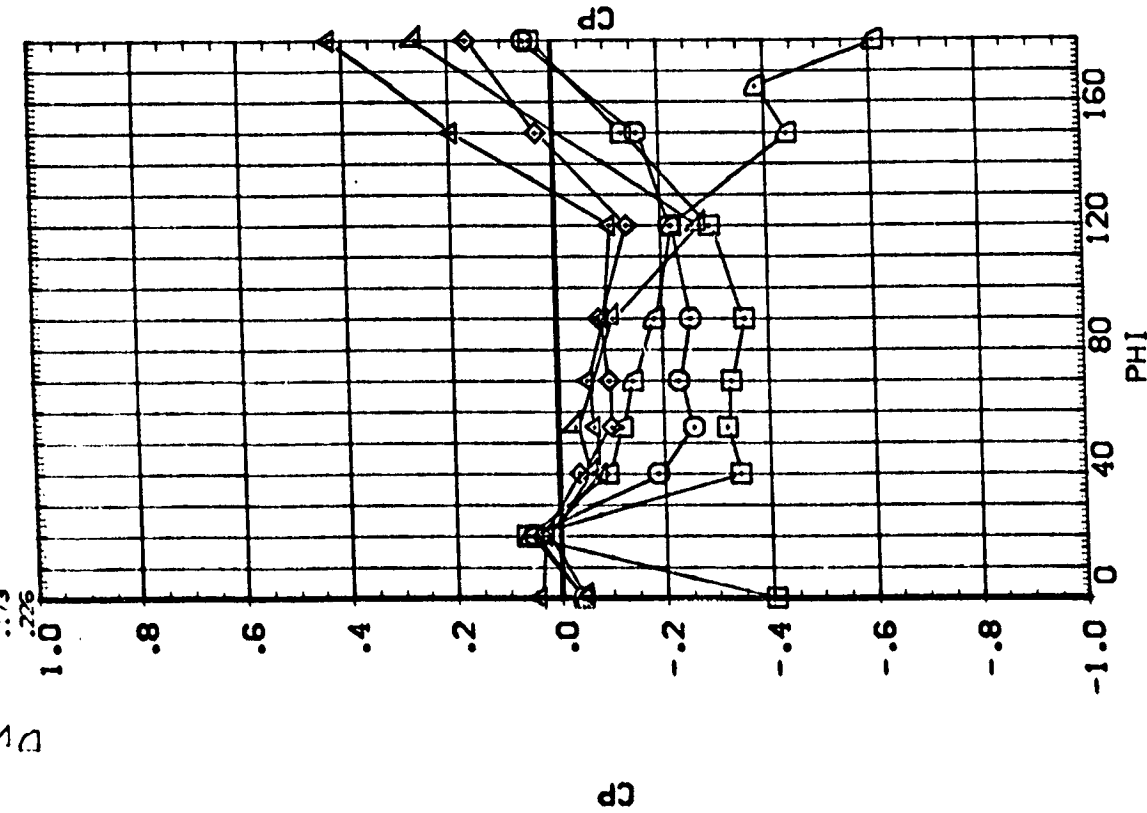
SYMBOL  
 0  
 1  
 2  
 3  
 4  
 5  
 6  
 7  
 8  
 9

X/L  
 .019  
 .034  
 .060  
 .136  
 .173  
 .226

ALPHA  
 .010  
 .010  
 .010  
 .010  
 .010  
 .010

PHI  
 0  
 10  
 20  
 30  
 40  
 50  
 60

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUDDLR 40.000 FLAP -10.000



[RDLB01]

3:00507M2E:187E:8V5R5G: LEFT FUSELAGE

SYMBOL

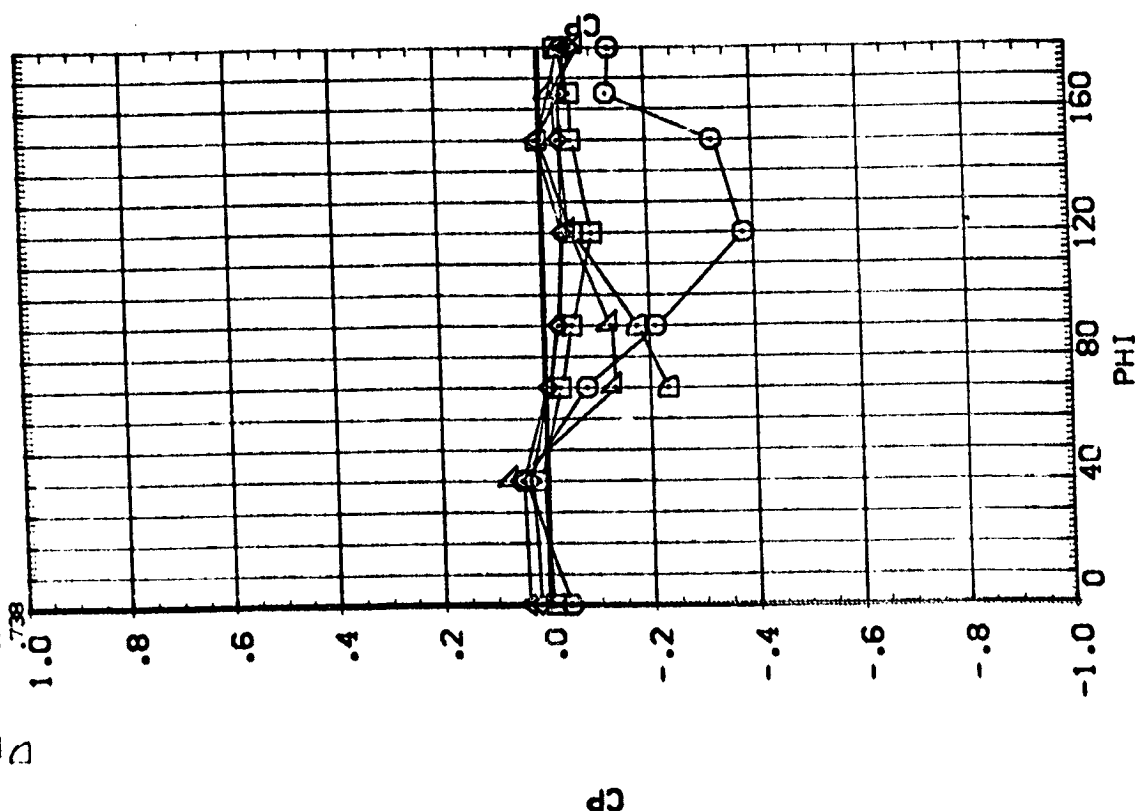
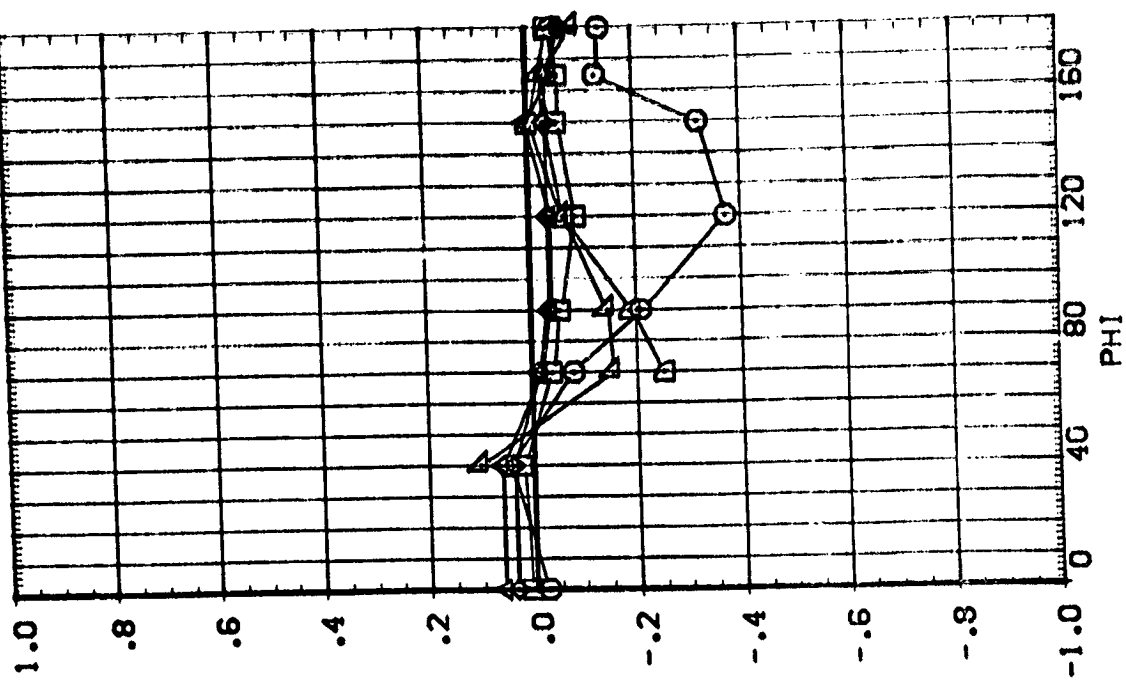
X/ .271  
.372  
.395  
.512  
.663  
.738

ALPHA .010  
.090

BETA 5.000

PARAMETRIC VALUES

ELEVTR .000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

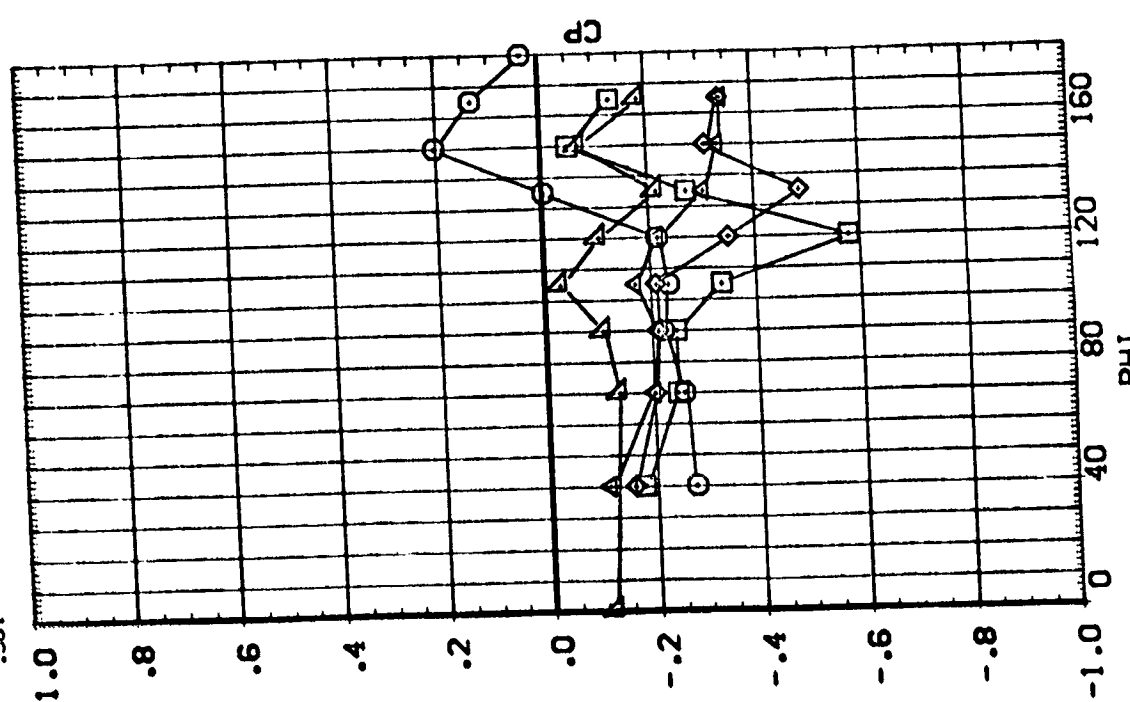
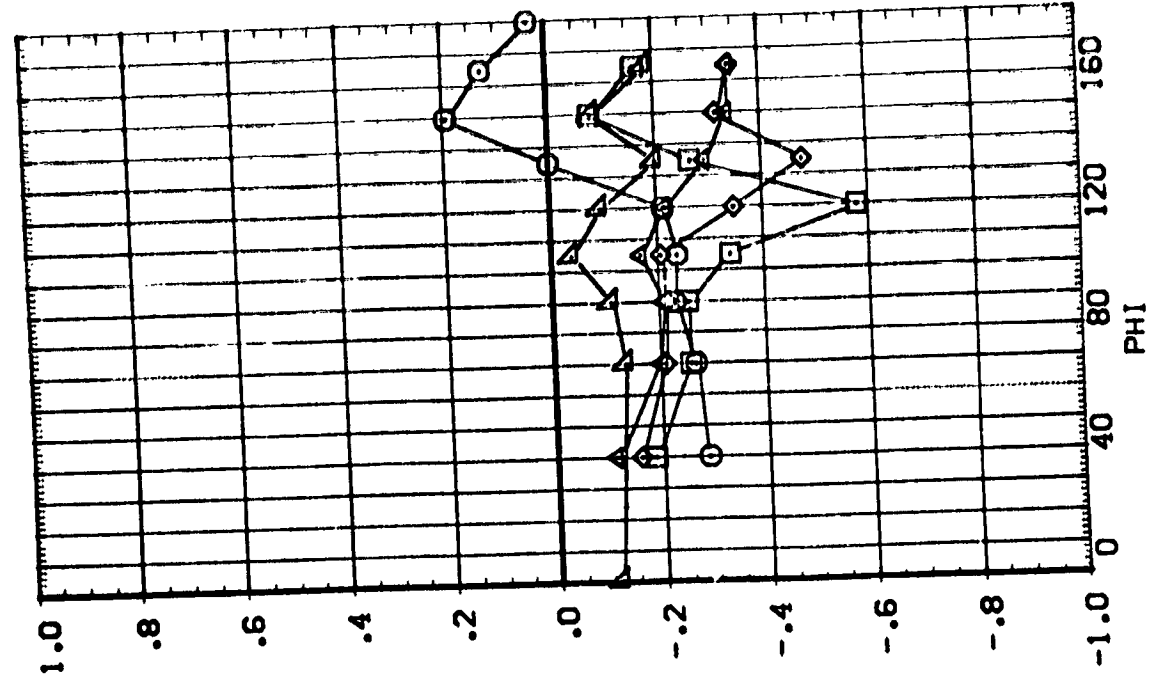


3100007M2: 1W8/18/5R55: LEFT FUSELAGE

(RDLB01)

SYMBOL  
X/L  
A. P/A  
# 1A  
5.000  
0.10  
0.990  
0.787  
0.828  
0.885  
0.975  
0.964

PARAMETRIC VALUES  
ELEVTR  
RUDFLR  
RUDER  
FLAP  
0.000  
40.000  
0.000  
-18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



3:00G07M2F:W87E18V5R5G: LEFT FUSELAGE

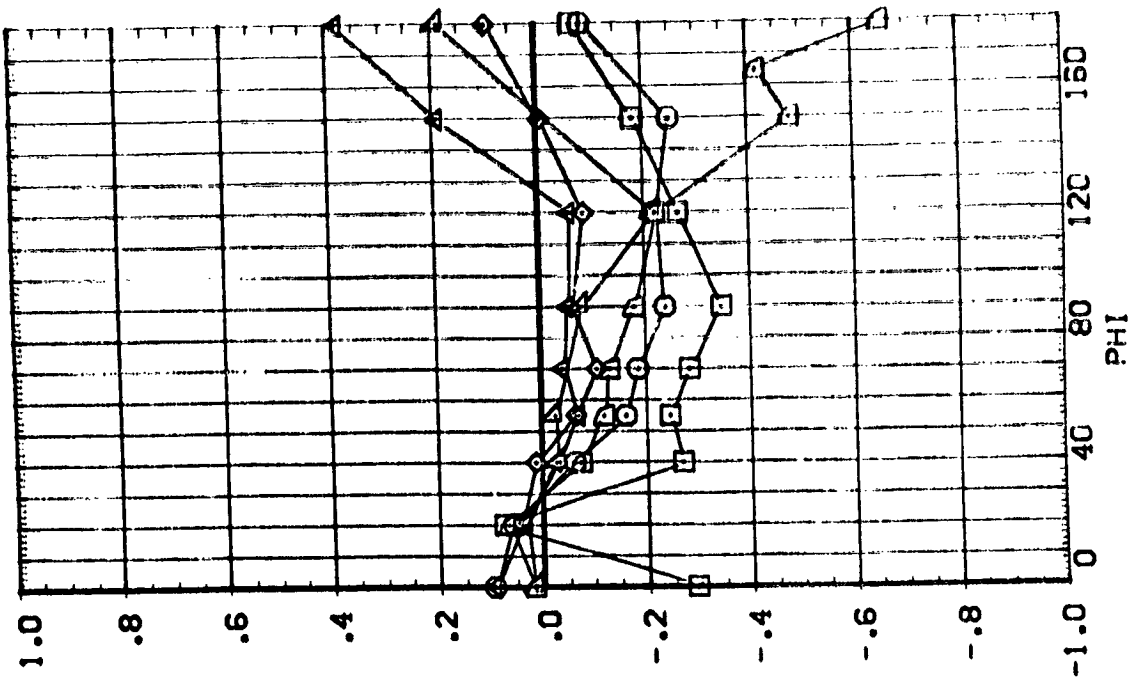
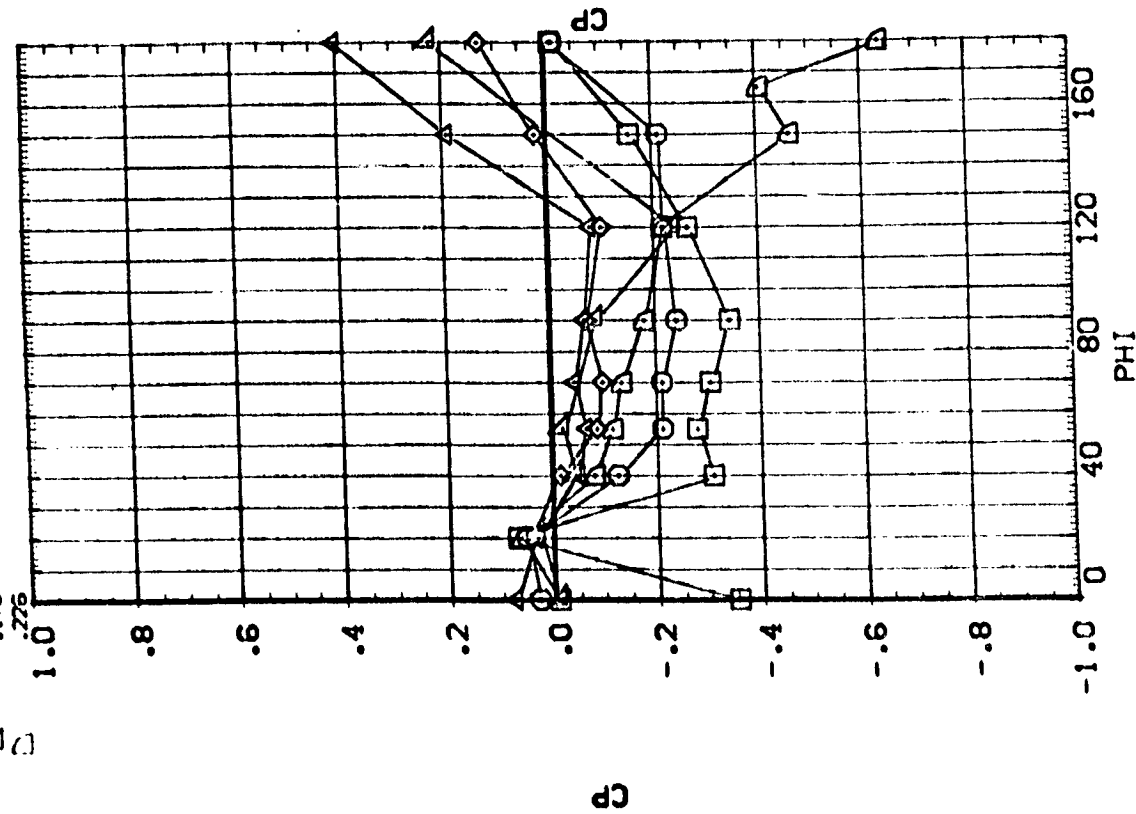
(RDLB01)

SYMBOL  
X/L  
0.019  
0.034  
0.060  
0.136  
0.173  
0.226

ALPHA  
2.020  
4.020

BETA  
5.010

PARAMETRIC VALUES  
ELEVTR  
RZDFLR  
40.000  
40.000  
RUDER  
FLAP  
0.000  
-18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



3:005777-1487184555: LEFT FUSELAGE

(RDLB01)

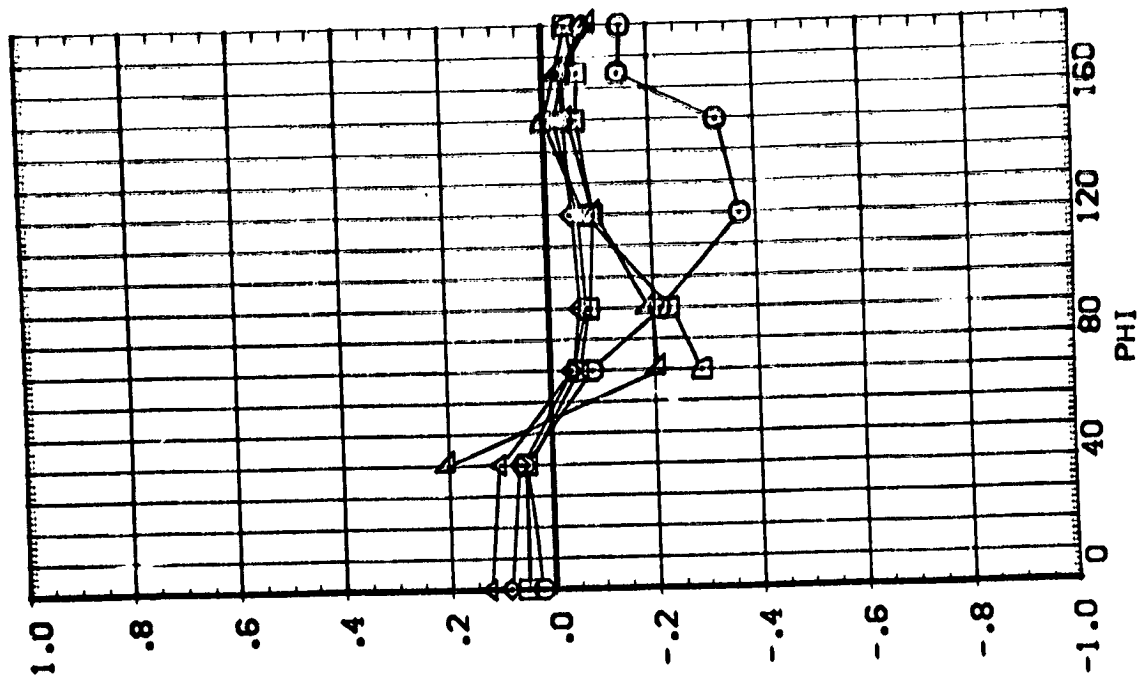
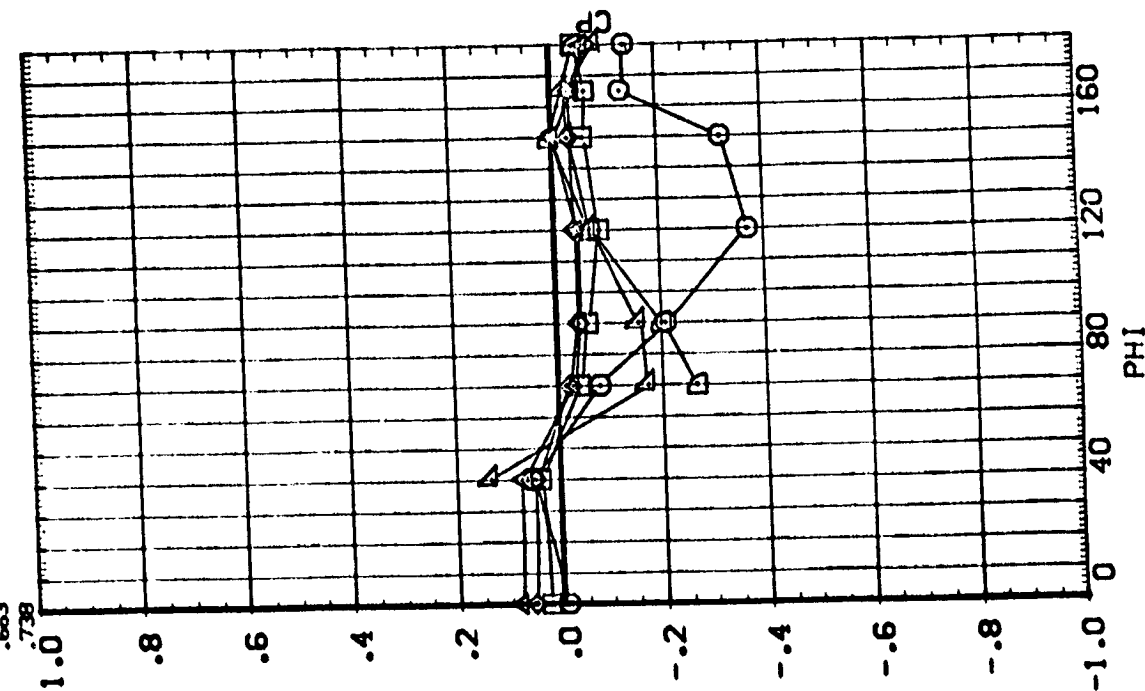
SYMBOL  
0110440

X/L  
.711  
.300  
.395  
.512  
.663  
.738

ALPHA  
2.000  
4.000

BETA  
5.010

PARAMETRIC VALUES  
ELEVTR  
RUDFLR  
RUDER  
FLAP  
.000  
40.000  
.000  
-18.000  
.300



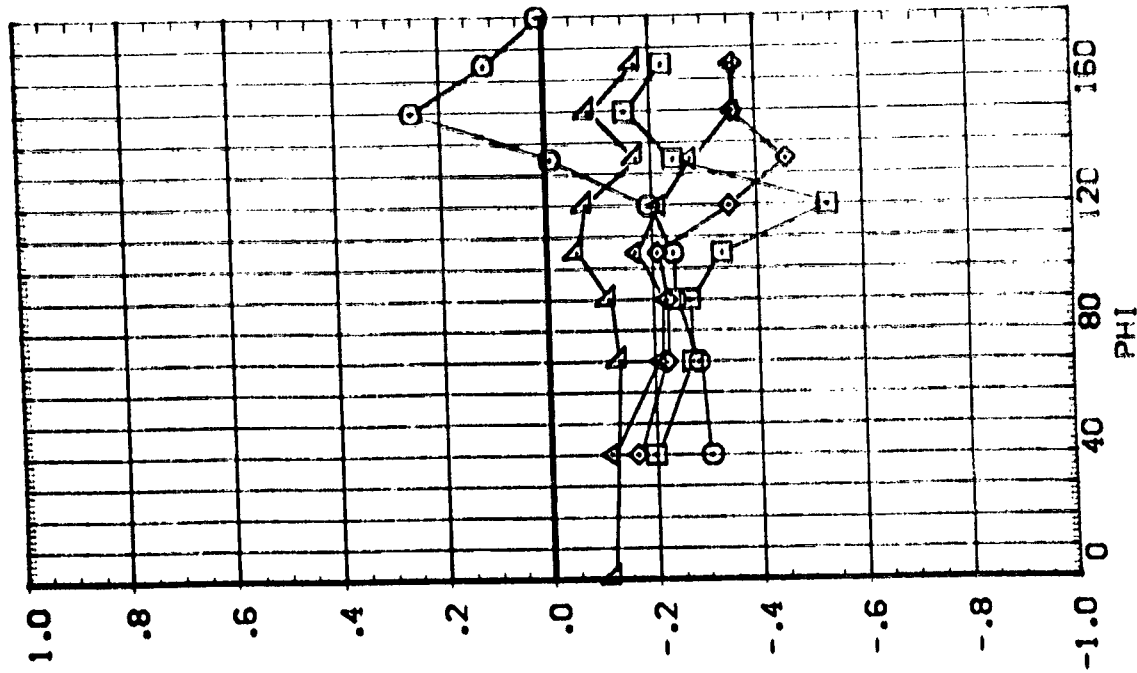
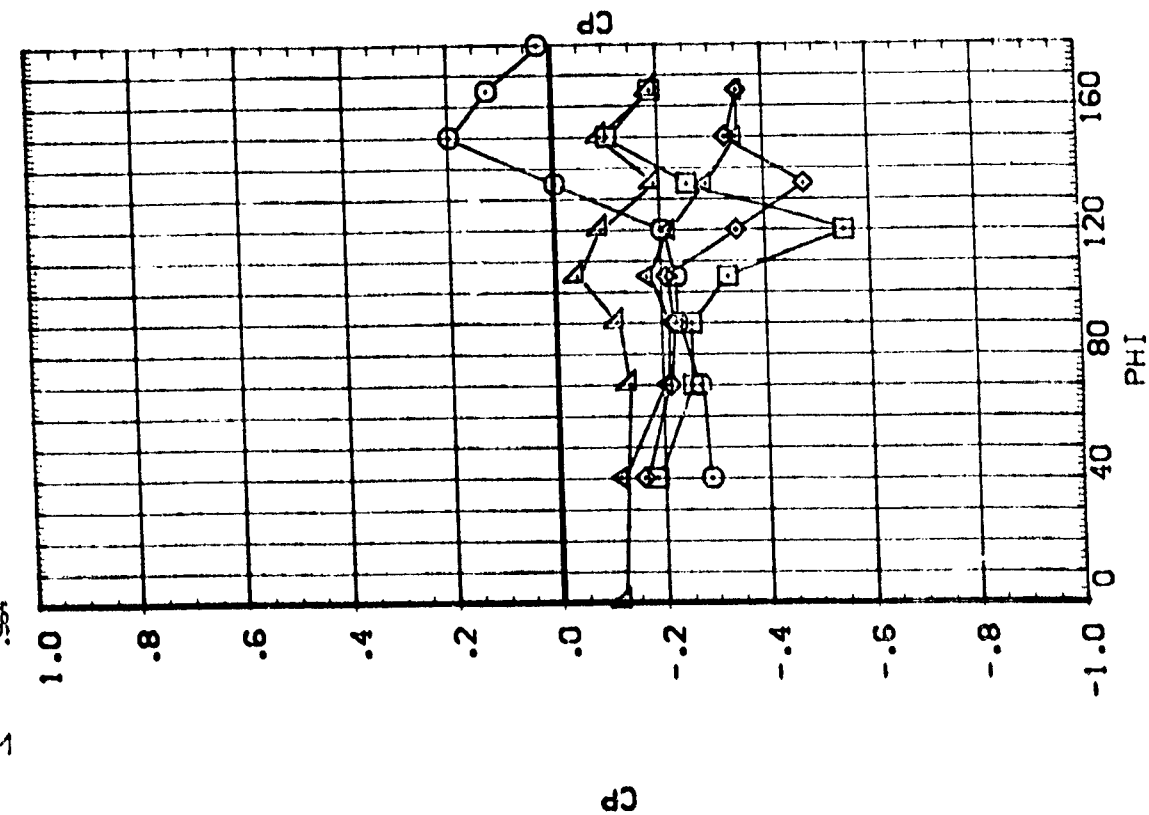
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

310057777-1871870950: LEFT FUSELAGE

(RDLB01)

SYMBOL X/L A PMA R/A  
 .787  
 .878  
 .885  
 .976  
 .984

PARAMETRIC VALUES  
 ELEVTR .000 RUDER .000  
 RUDFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



B:CC537M2F:W87E:8V5R5G: LEFT FUSELAGE

(RDLB01)

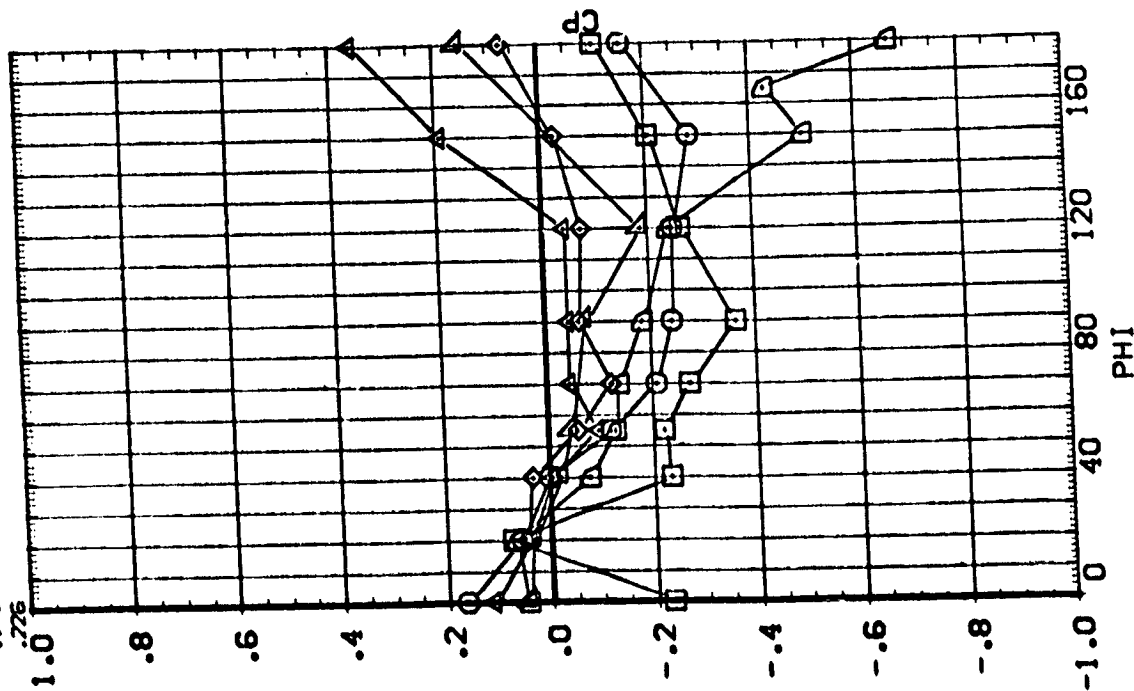
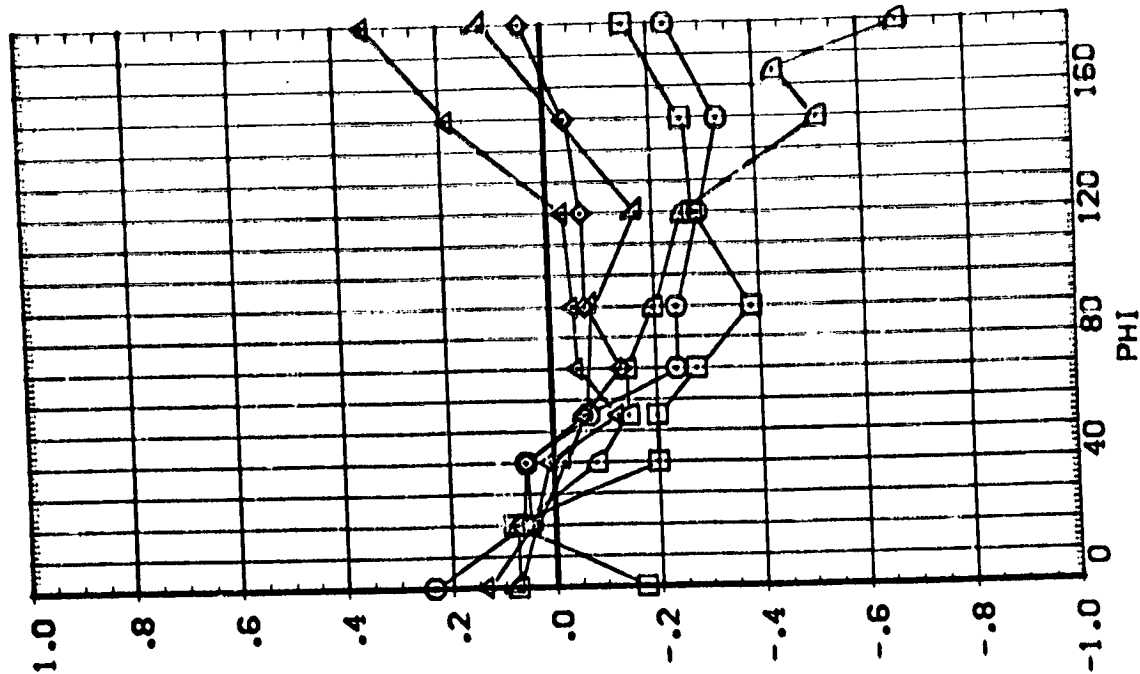
SYMBOL  
□ □ ◇ △ ▽

X/L  
.019  
.034  
.060  
.136  
.173  
.276

A<sub>0</sub> P-HA  
6.37C  
8.17C

BETA  
5.02C

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUOFIR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

81000072: 1487E184555: LEFT FUSELAGE

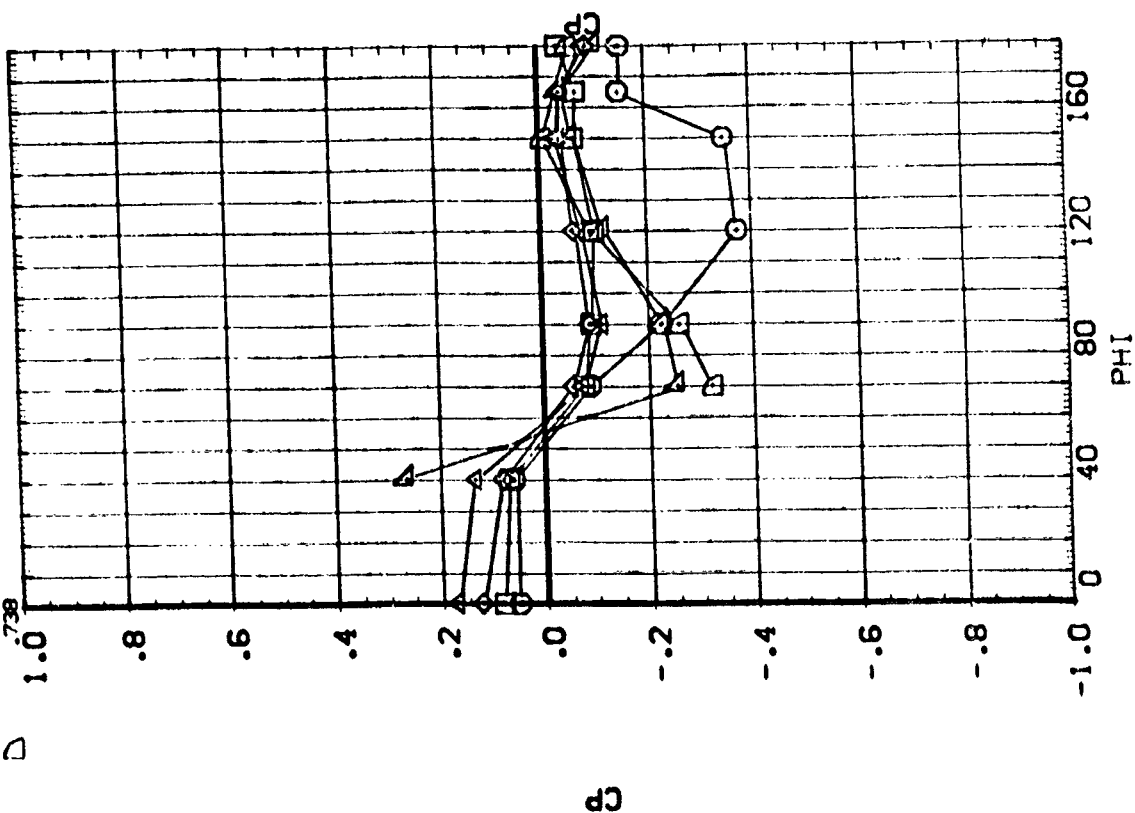
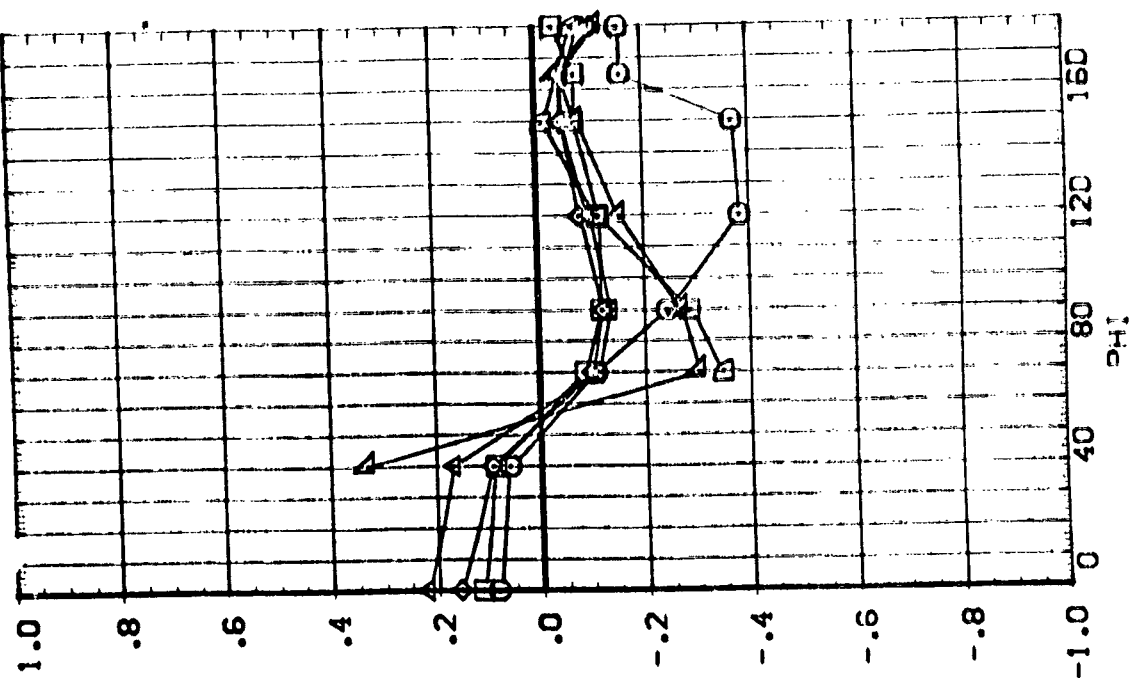
SYMBOL

X/C  
.271  
.370  
.385  
.512  
.663  
.738

A B/A B/A  
6.070 5.070  
8.170

(RDLB01)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



3:005072F:W87E:8VSR5G: LEFT FUSELAGE

SYMBOL  
O □ ◇ △

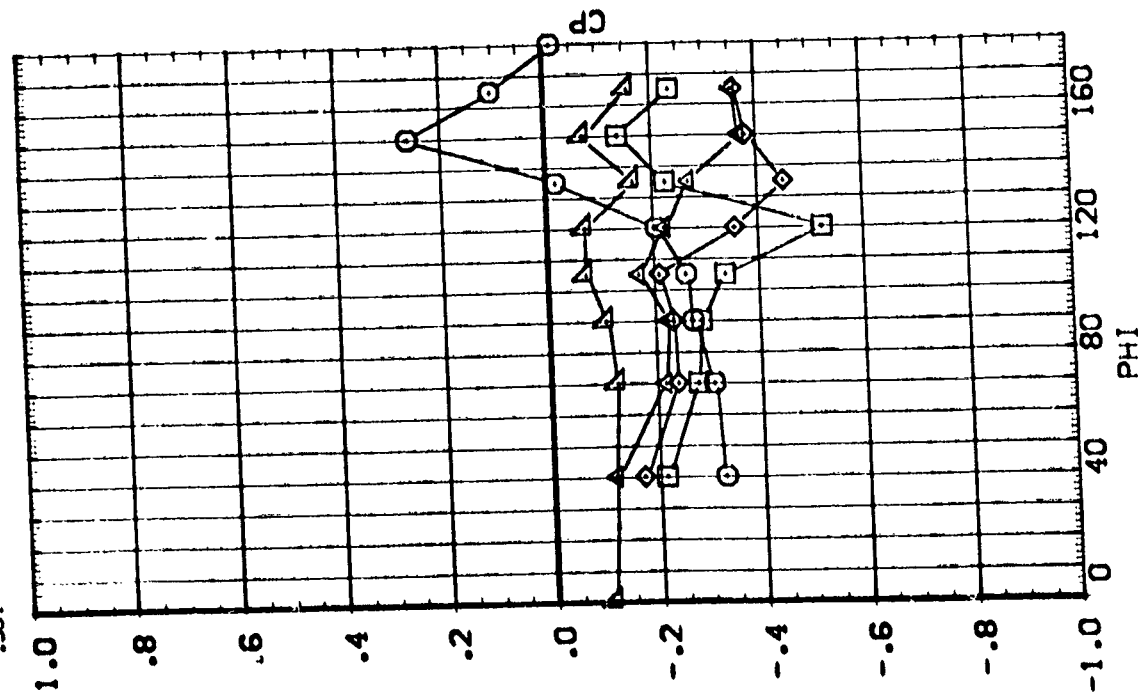
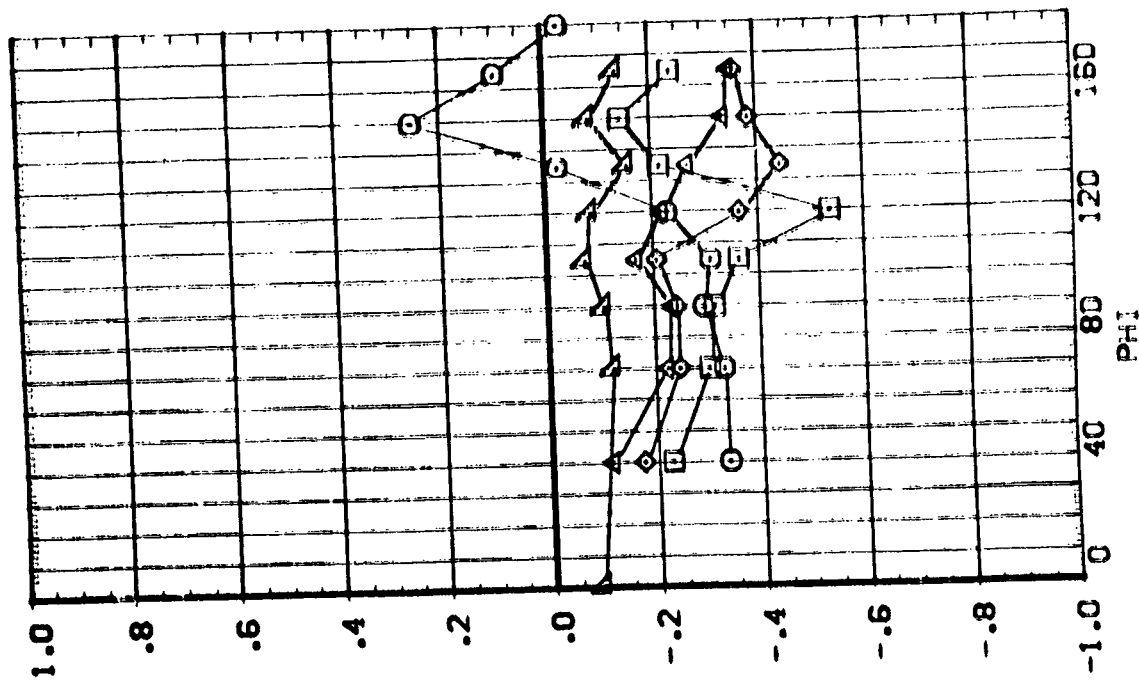
X/L  
.787  
.878  
.885  
.976  
.984

ALPHA  
6.07C  
8.17C

BETA  
5.02C

(RDLB01)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUFLE 40.000 FLAP -18.000

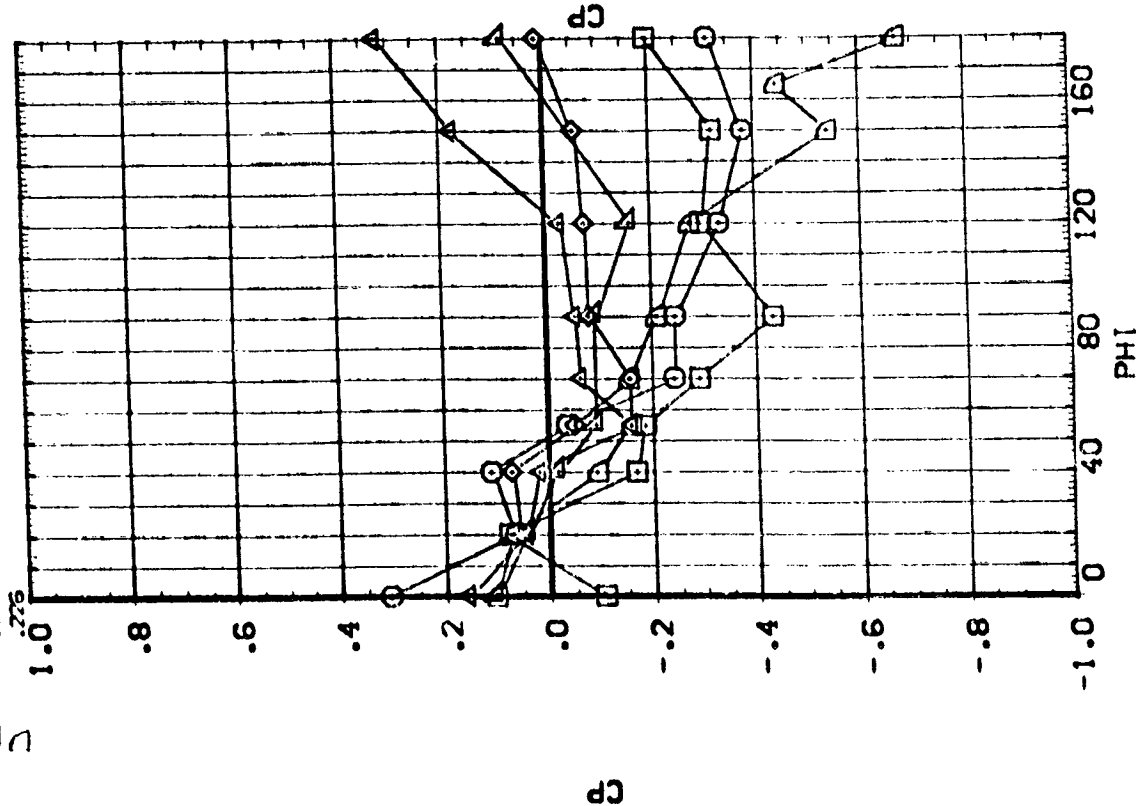


RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. NEUTRAL RUDDER AND ELEVATOR

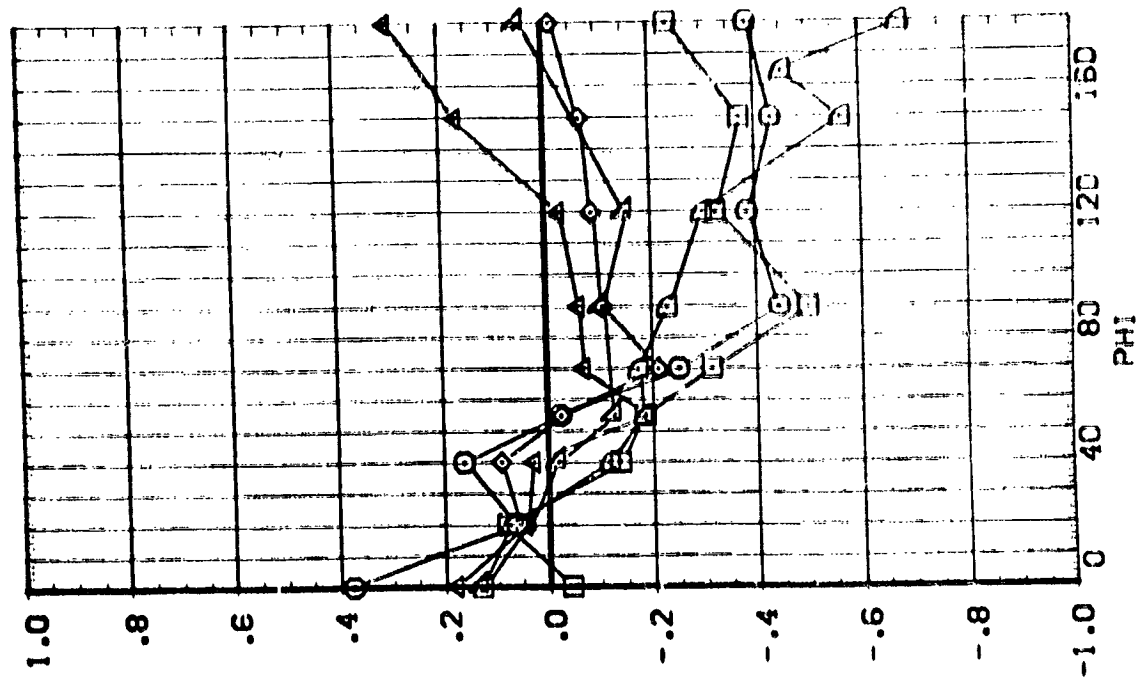
3:005072: 1487 1815P50: LEFT FUSELAGE

(PD-300)

SYMBOL X/L ALPHA BETA  
 0110447 .019 10.15C 5.00C  
 .034 12.18C  
 .05C  
 .136  
 .173  
 .226



PARAMETRIC VALUES  
 ELEVTR .00C RUDDER .00C  
 RUOFLR 40.00C FLAP -18.00C



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 055



3100507M2: 1W87: 18V355: LEFT FUSELAGE

(RDLB01)

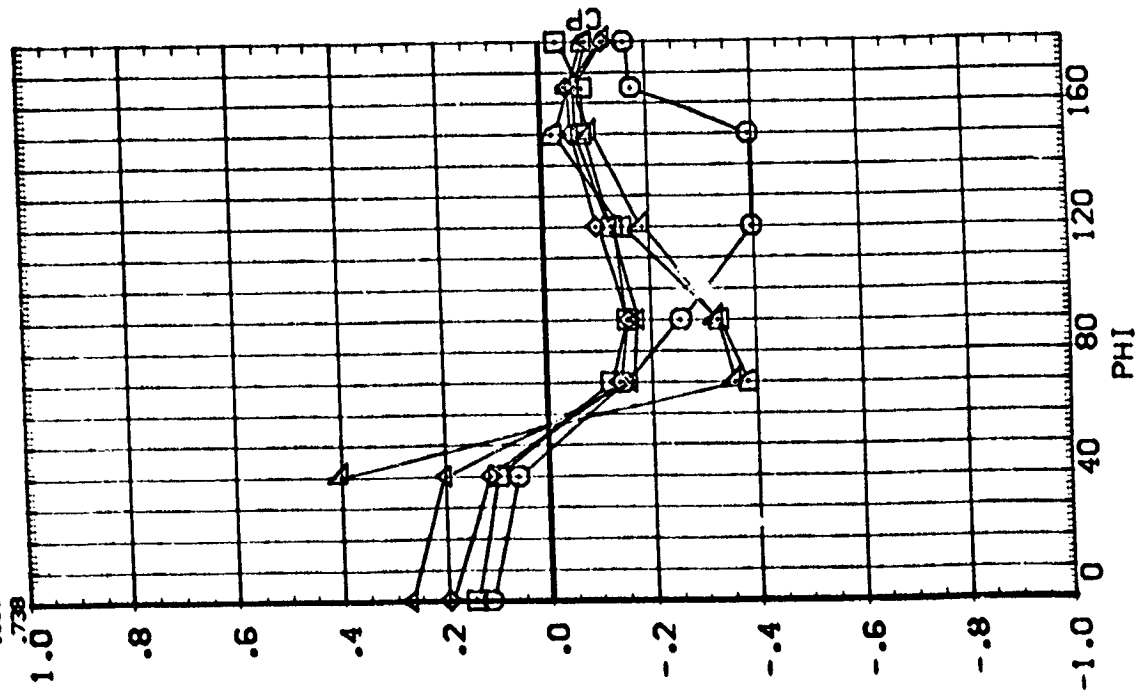
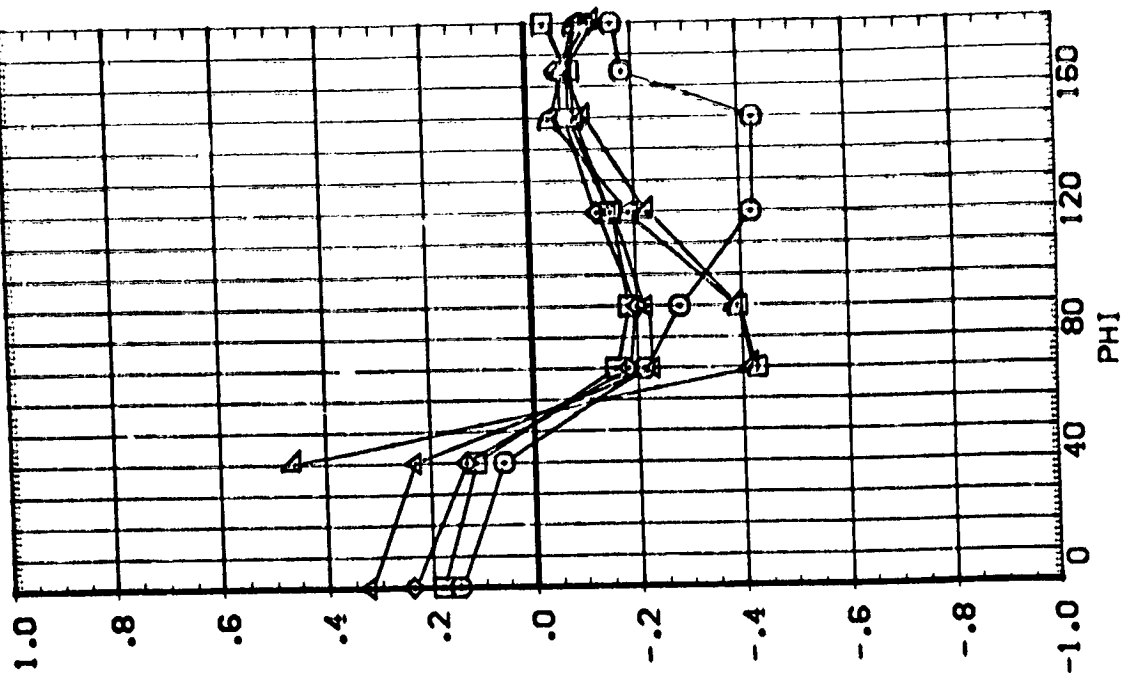
X/L  
 .77  
 .370  
 .365  
 .512  
 .663  
 .738

ALPHA  
 10.160  
 17.180

BETA

5.000

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

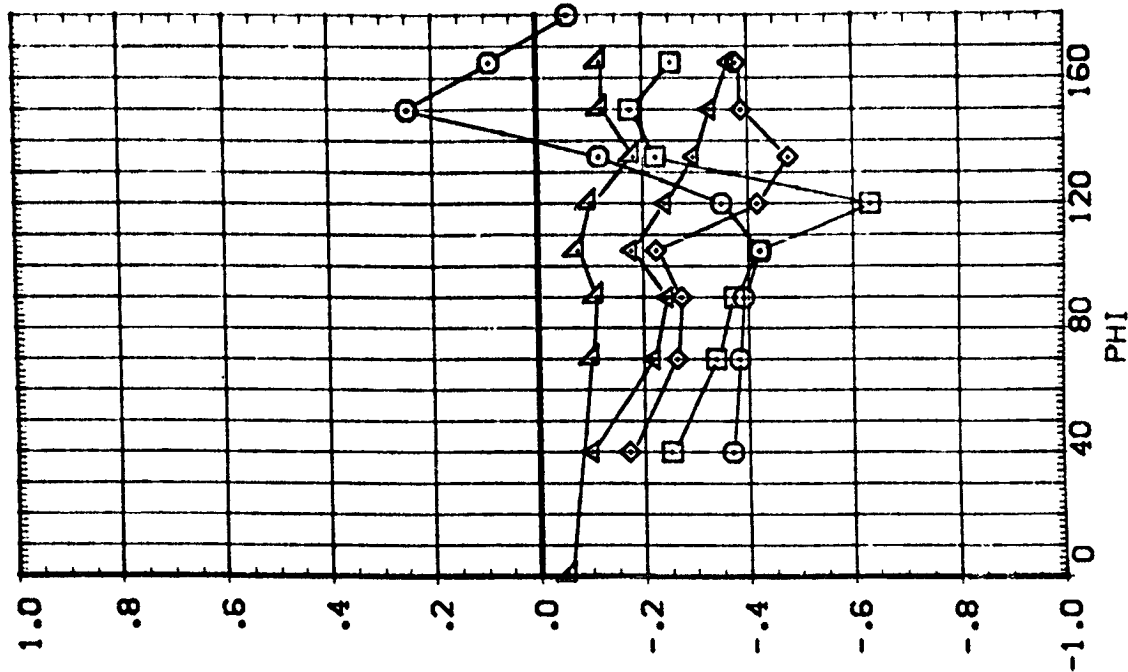
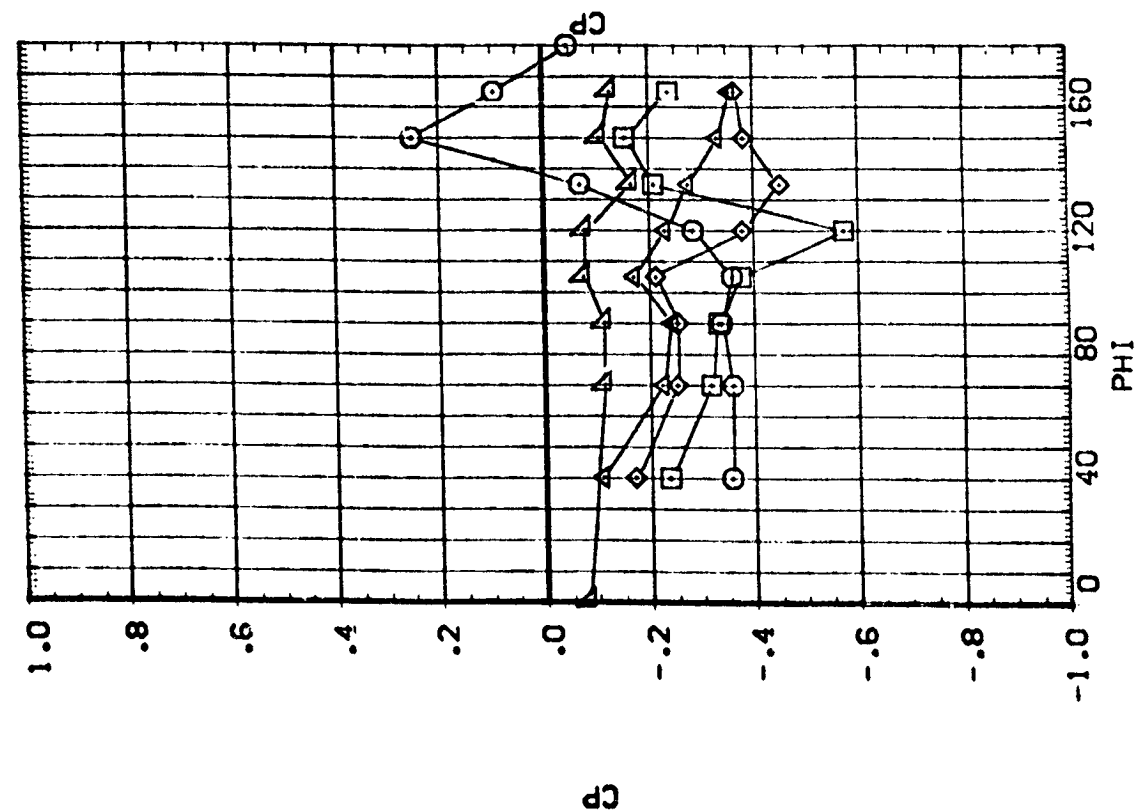


B:0050772:187E:8V5R5G: LEFT FUSELAGE

(RDLB01)

SYMBOL X/L ALPHA US TA  
 O .787 10.160 5.000  
 I .828 12.180  
 D .885  
 A .926  
 Z .954

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUDFLR 40.000 FLAP -10.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

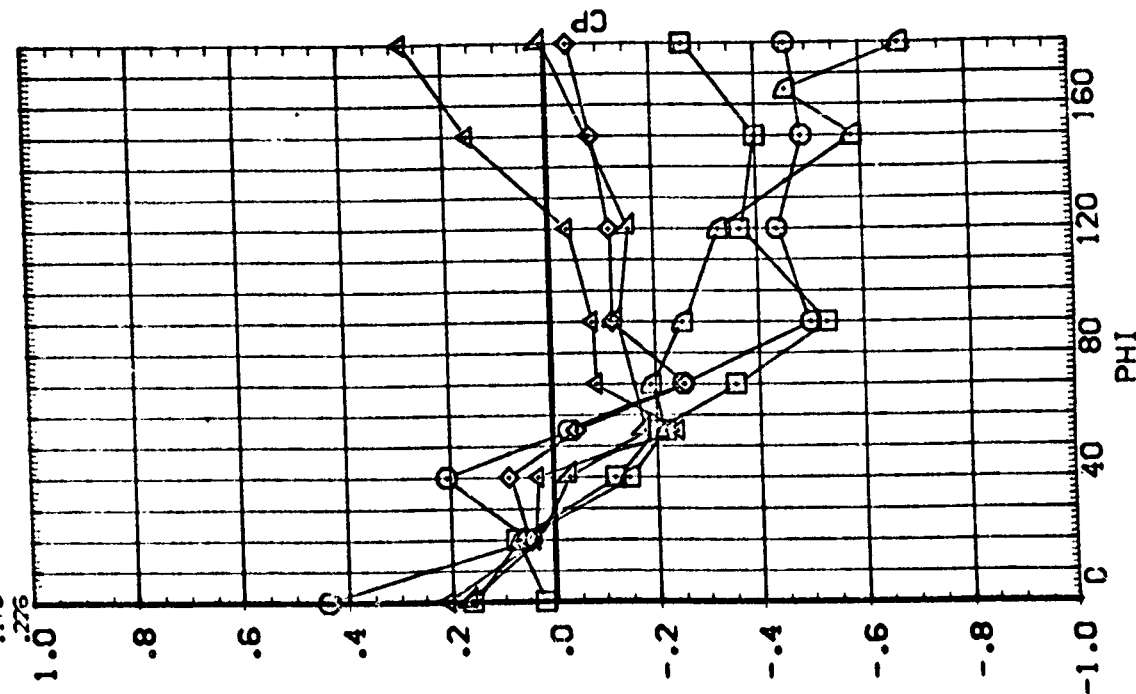
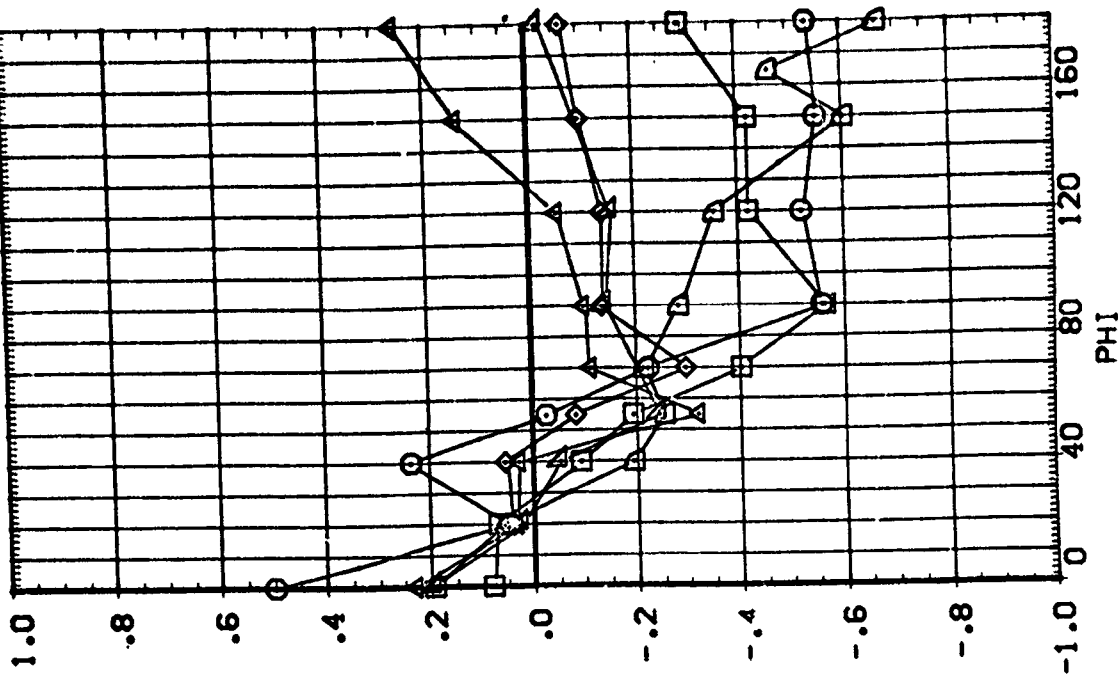


3:0000/20.1487:18VSR5G: LEFT FUSELAGE

(RDLB01)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUOFLR 40.000 FLAP -10.000

5-000-00104470  
X/L .019 A PMA 10.7A  
.034 14.000 5.010  
.060 16.750  
.136  
.173  
.276



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

(RDLB01)

3:00000000 1487: 18/5R5G: LFT FUSELAGE

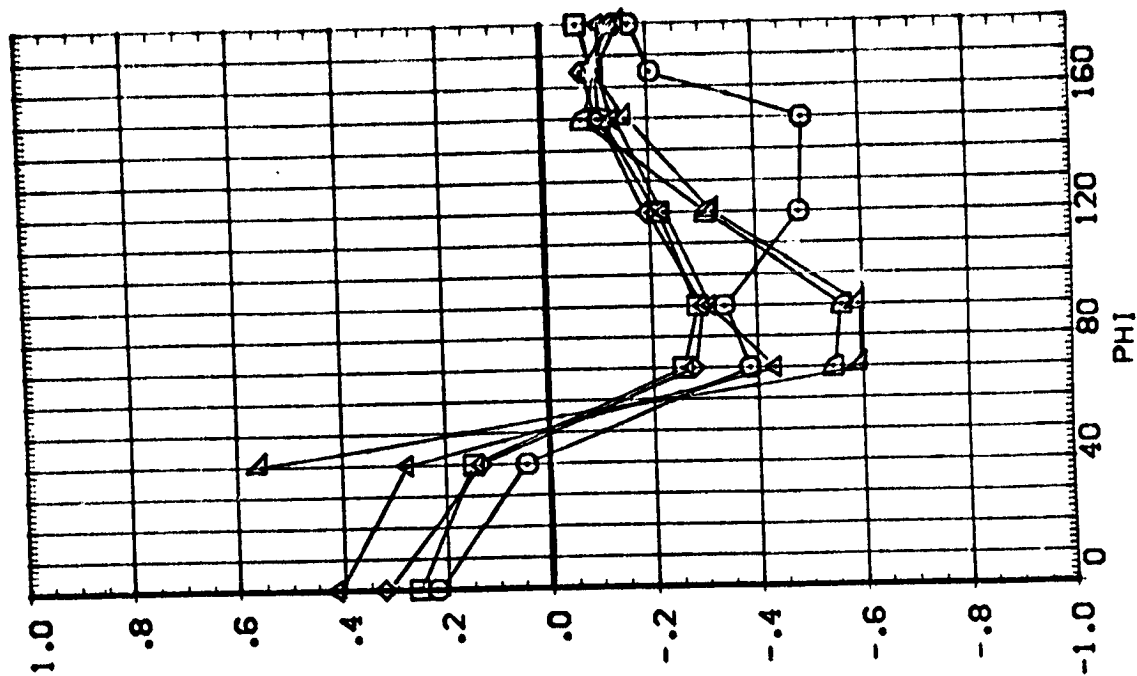
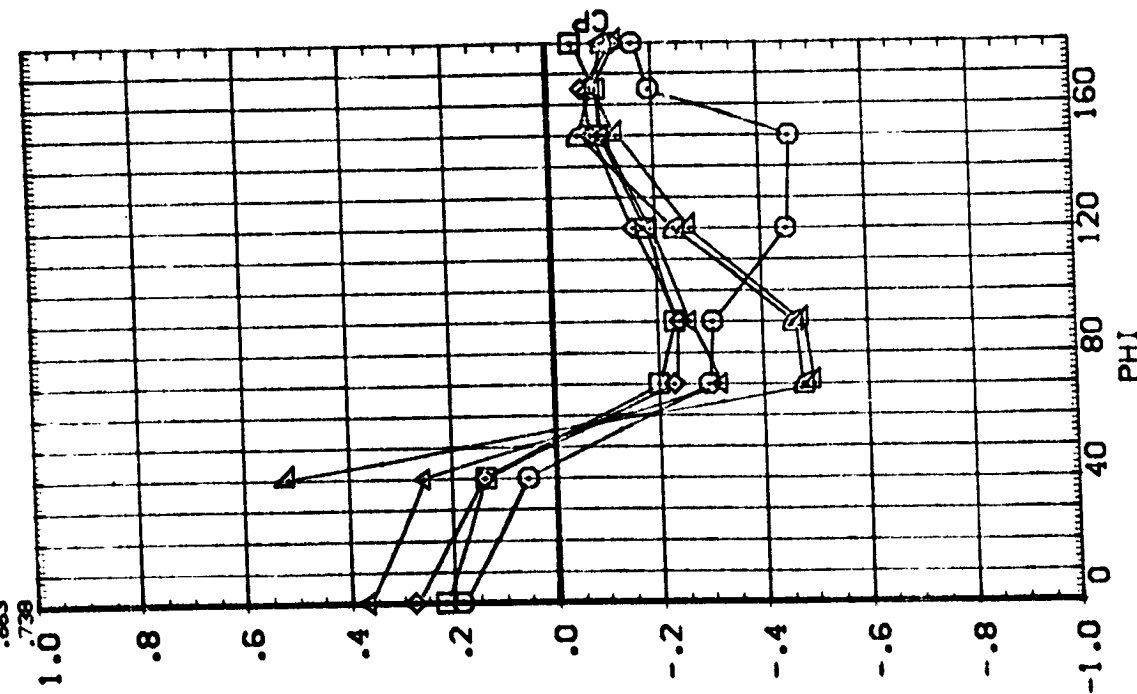
SWBC

X/L  
.27  
.32  
.395  
.512  
.663  
.738

A. DIA  
14.000  
16.000

H. TA  
5.010

PARAMETRIC VALUES  
ELEVTR .000  
RUDFLR 40.000  
RUDDER .000  
FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

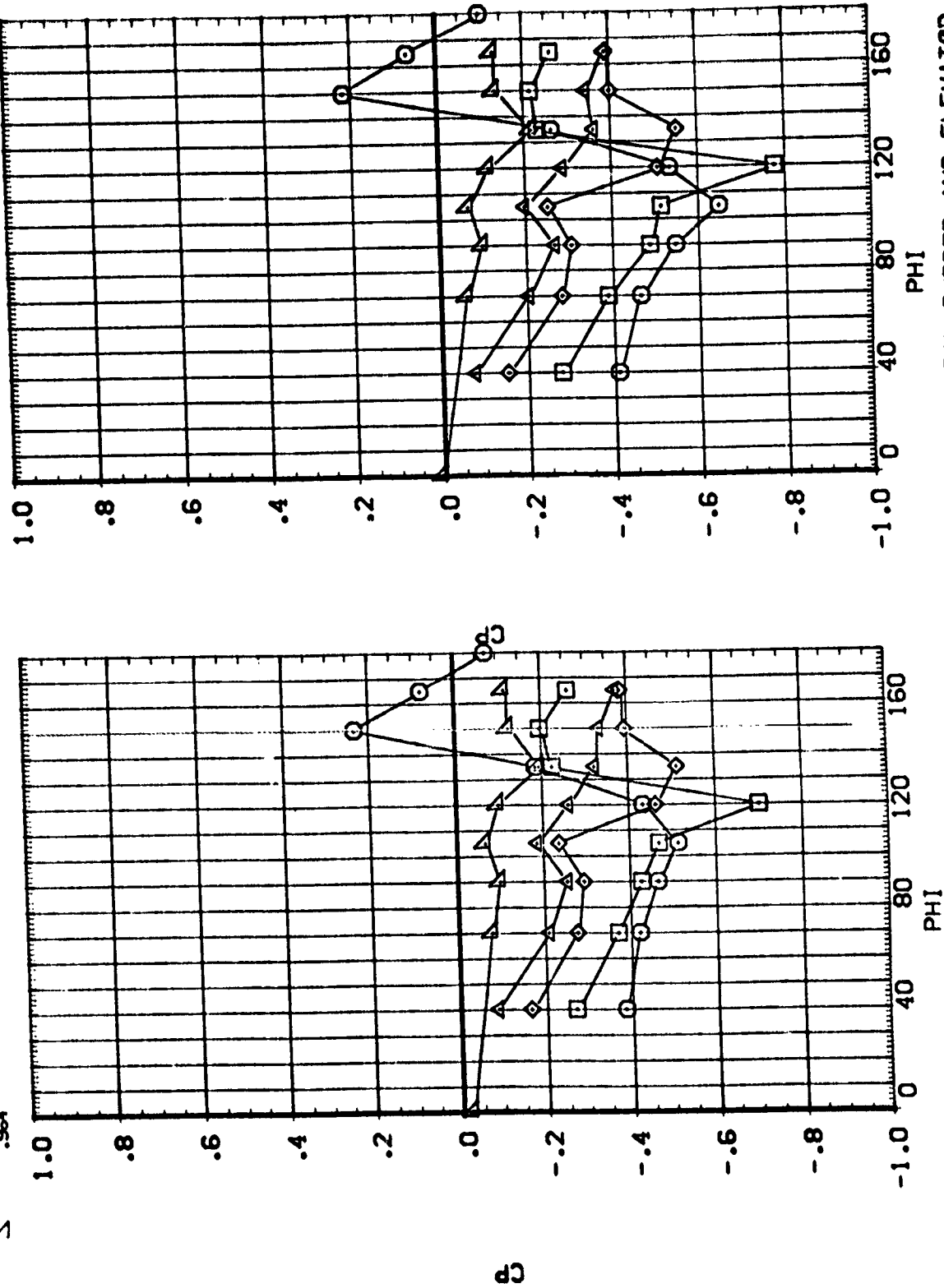


B:00507Y2:1W87E:8VSR5G: LEFT FUSELAGE

(RDLB01)

SYMBOL X/L ALPHA BETA  
 .787 14.770 5.010  
 .828 16.750  
 .885  
 .976  
 .964

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

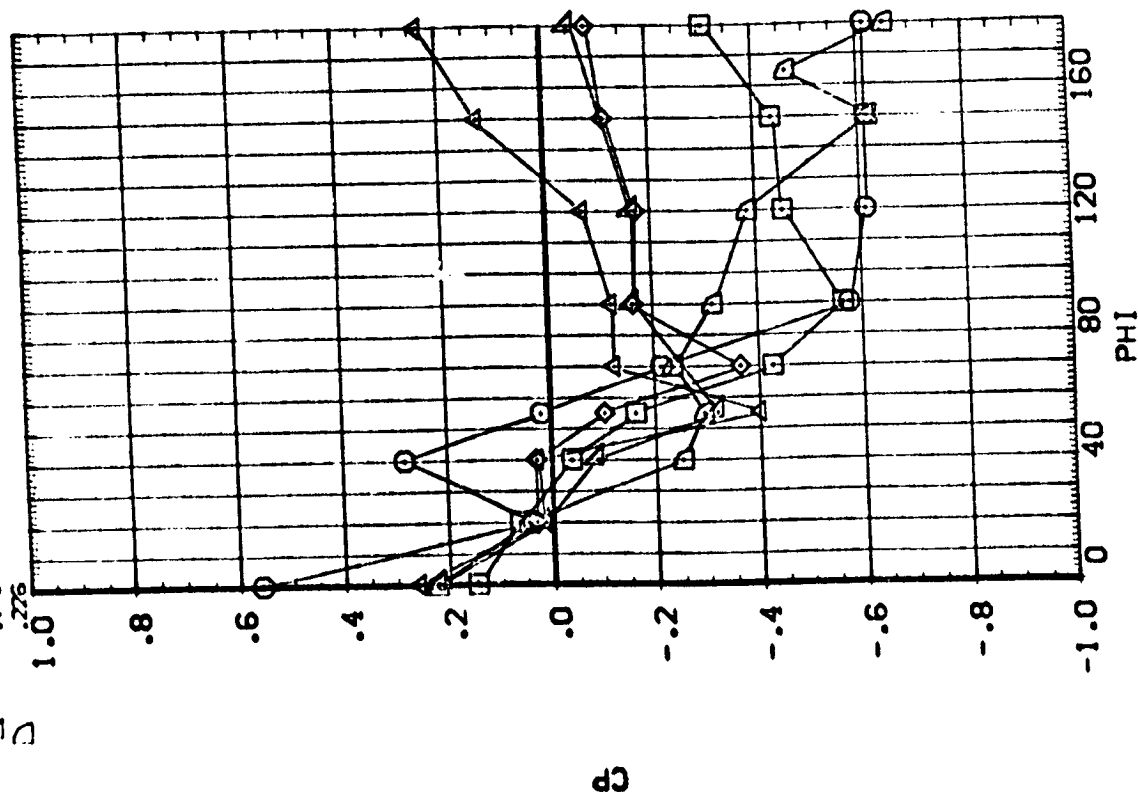


RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

3:00 PM : A87E:8VSR53: LEFT FUSELAGE

PARAMETRIC VALUES	
.000	RJODR
40.000	FLAP
	-18.000
	.000

08-05  
7/16  
COCOS  
A.P.A.  
B.F.



PHI  
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



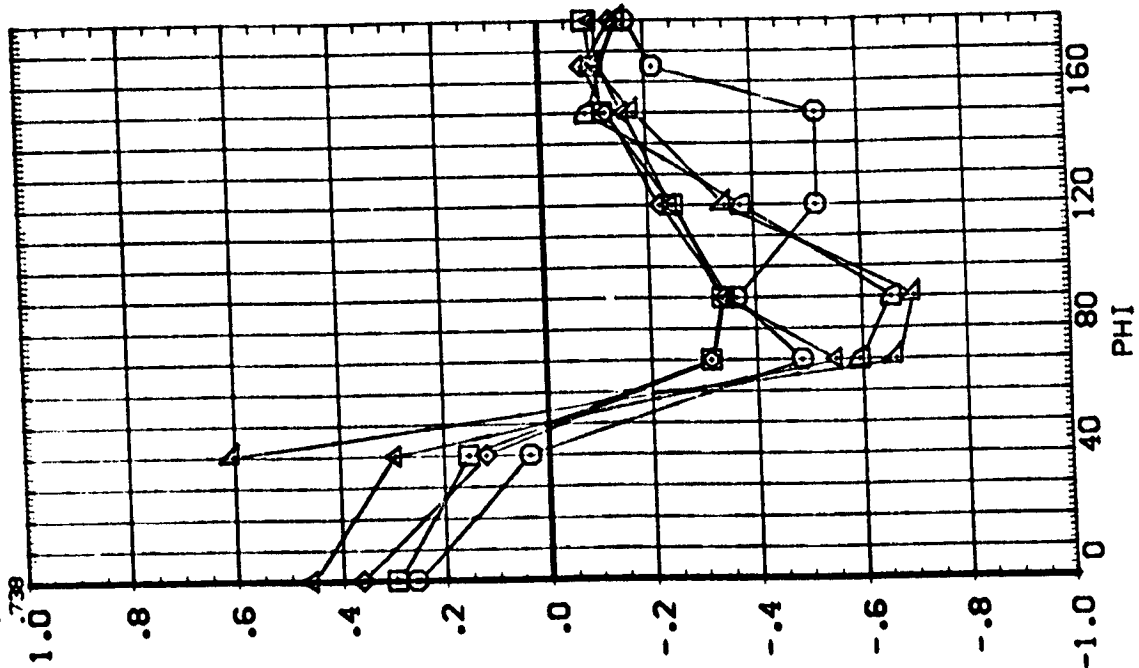
B:005072: 1871 18VSR56: LEFT FUSELAGE

(RDLB01)

PARAMETRIC VALUES  
 ELEVTR .000 RUDER .000  
 RUDFLR 40.000 FLAP -18.000

SYMBOL X/L A/PMA 1871 5.000

0.271  
 .320  
 .395  
 .512  
 .663  
 .738



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

≡

BI00007M2F1W87E18V5R591 LEFT FUSELAGE

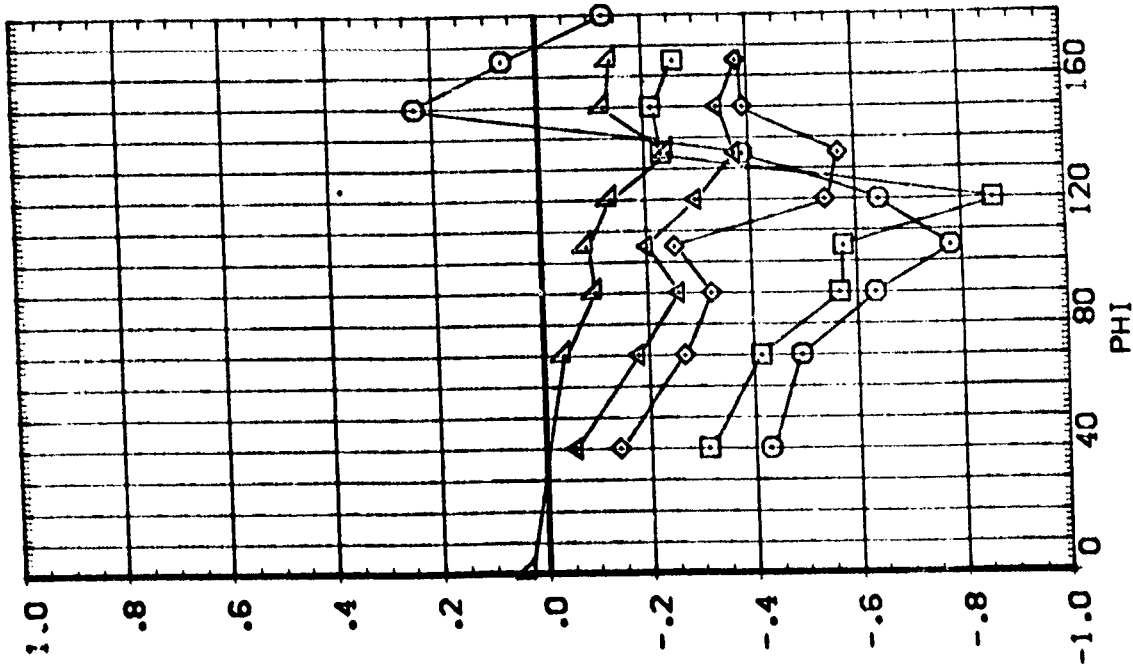
(RDLBC1)

SYBC-  
X/L  
011047

ALPHA  
10.780

BETA  
5.000

PARAMETRIC VALUES  
ELEVTR .000  
RUDDER .000  
RUJFLR 40.000  
FLAP -10.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
PAGE 294



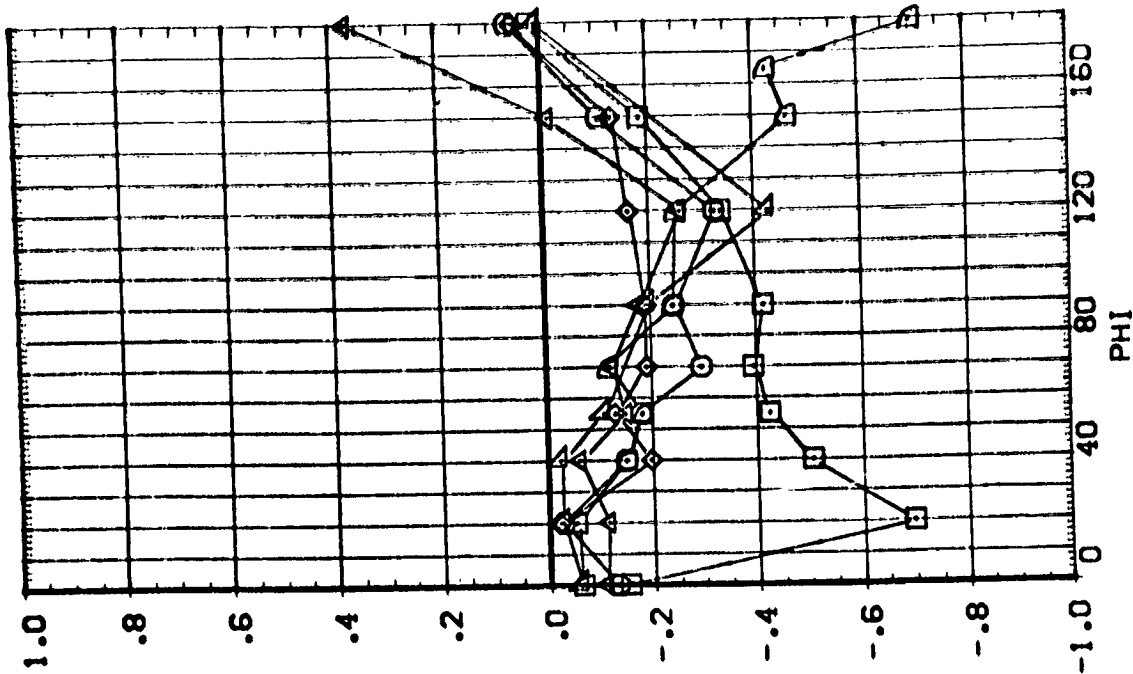
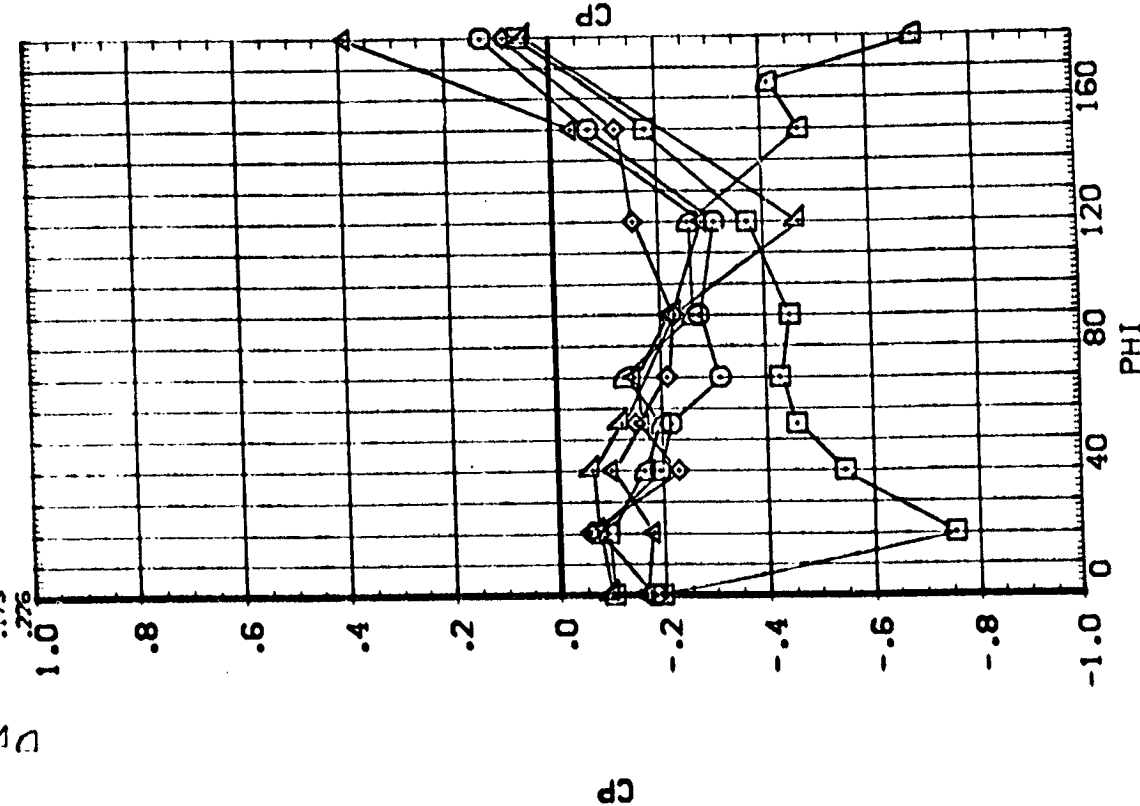
31000 1779 1.487 18.5R55: LEFT FUSELAGE

SYNTH. 0.019 3.010 10.030  
 .034 .060 .136 .173  
 276

A P/A 3.010 10.030  
 1.030

(RDLB01)

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



(20-30:)

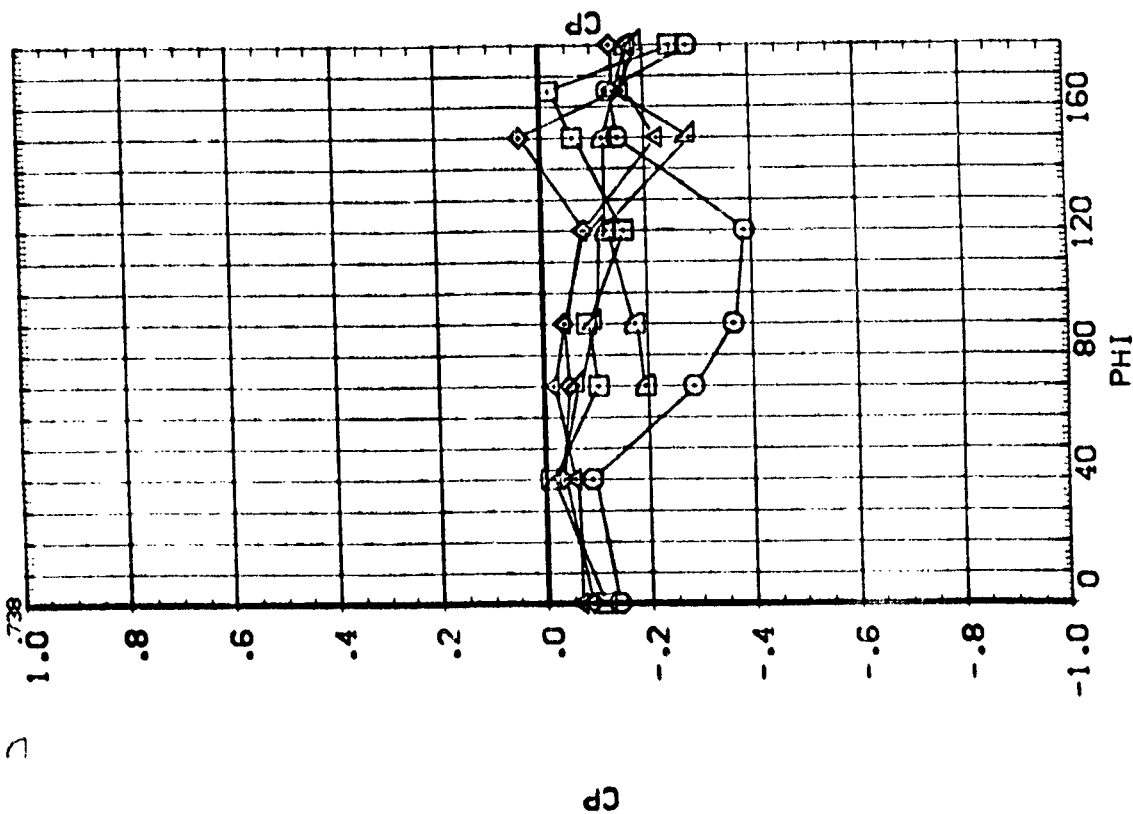
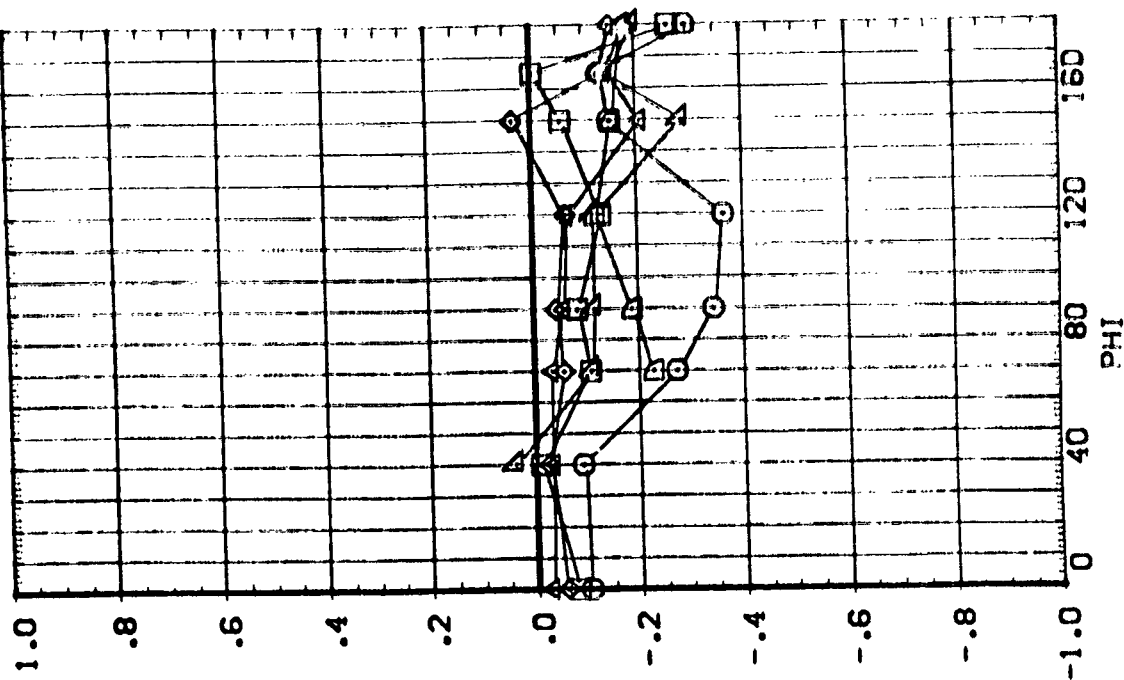
PARAMETRIC VALUES	
.000	RIDER
40.000	FLAP
	-10.000
	.000

PARAMETRIC VALUES	
ELEVTR	.000
ROFLER	40.000
ROFLER	FLAP

3501 32E  
3502 142  
3503 7/X  
3504 2845

3507  
3508  
3509

7/8	.678
7/16	.437
3/8	.375
1/2	.500
5/8	.625
3/4	.750
7/4	1.750



PHI  
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

10  
9  
8

11  
10  
9  
8



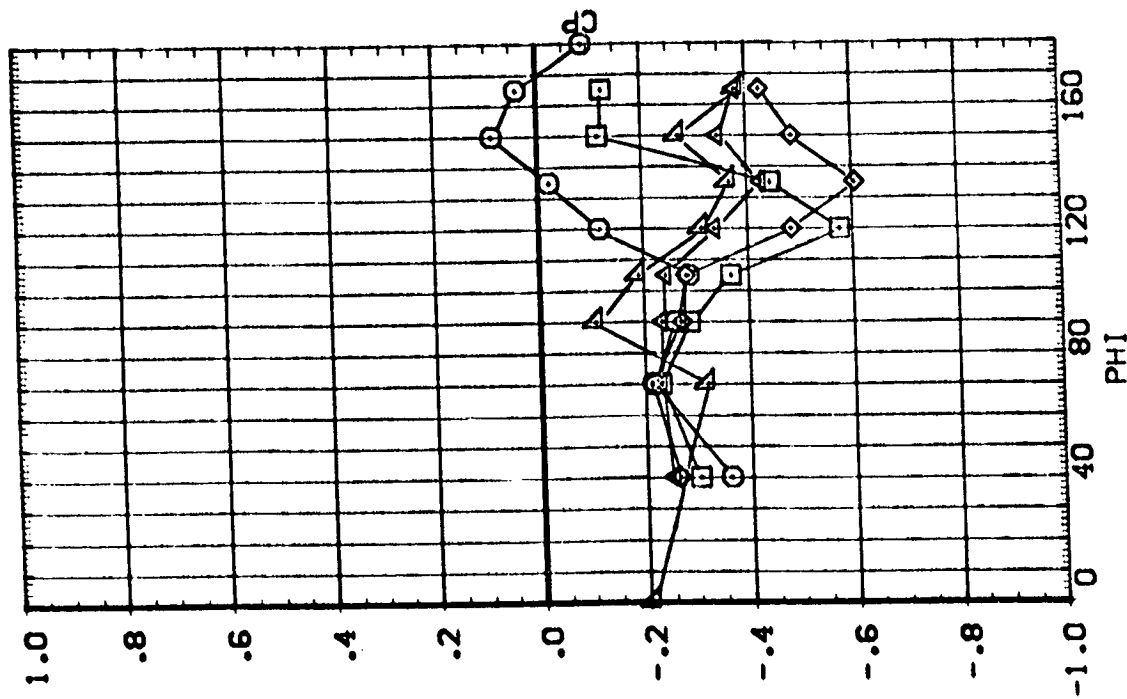
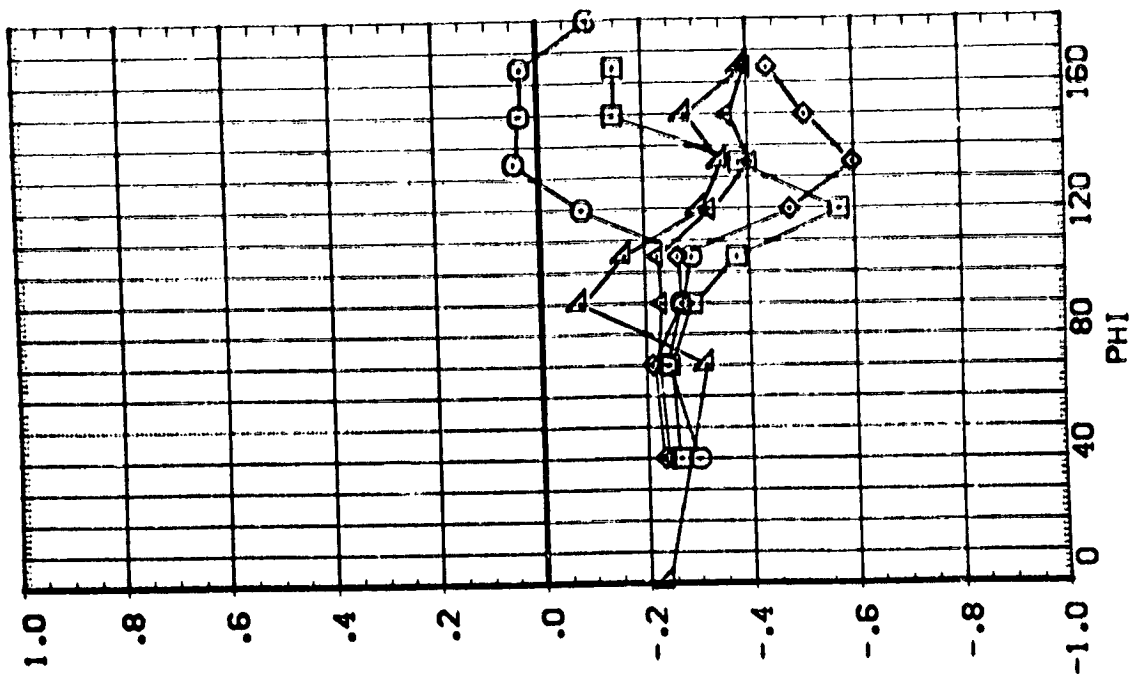
3:0050772: 1W87E18VSR5G: LEFT FUSELAGE

(RDLB01)

SYMBOL X/L ALPHA BETA  
 .787 3.010 10.030  
 .828 1.030  
 .865  
 .926  
 .964

PARAMETRIC VALUES  
 .000 RUDDER .000  
 40.000 FLAP -18.000

ELEVTR  
 RUDDER



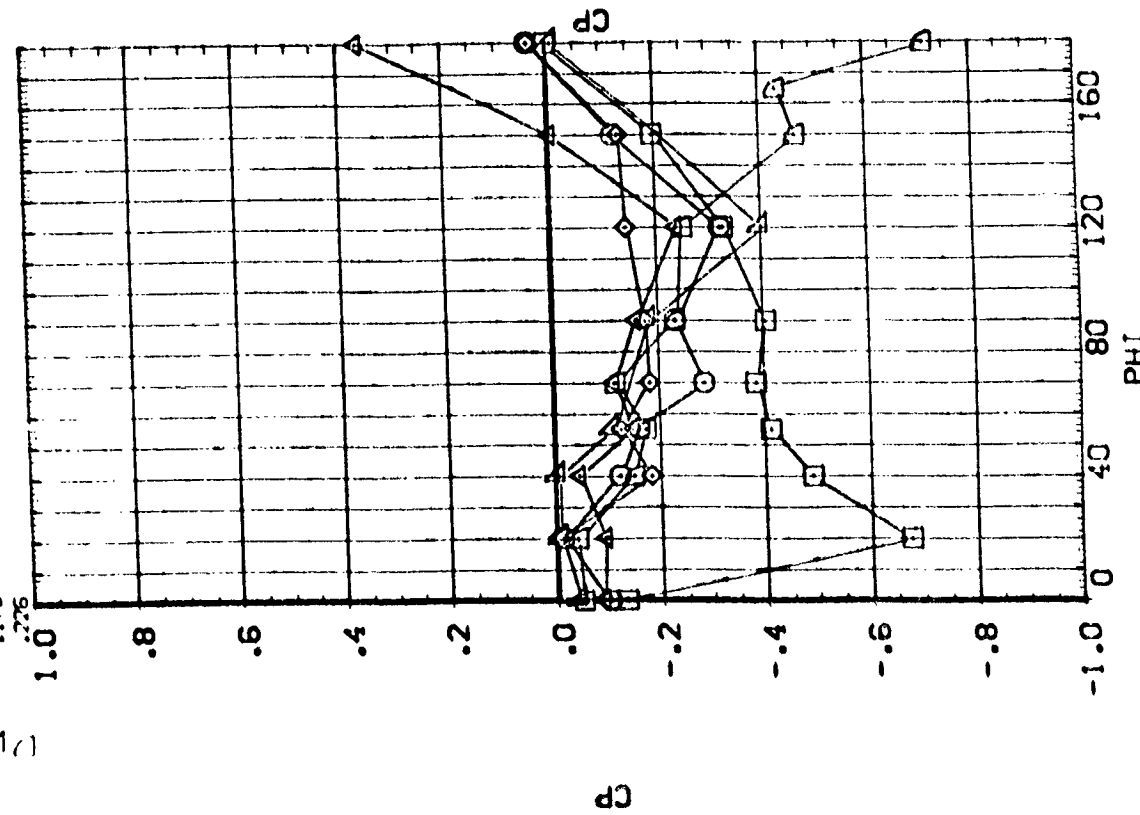
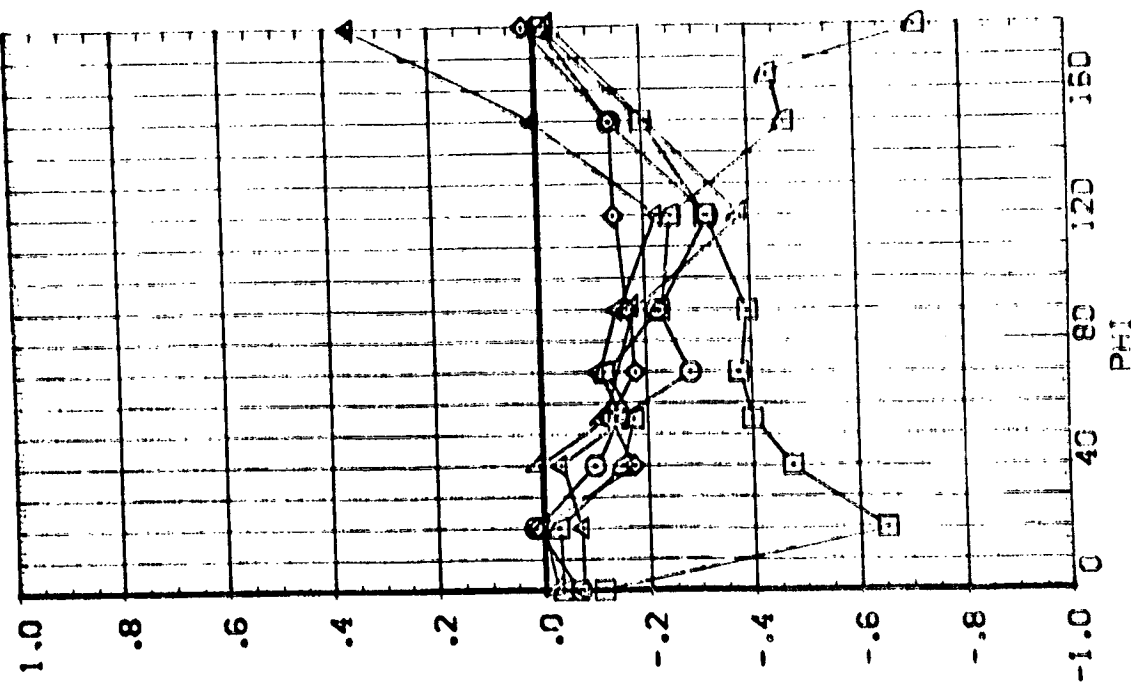
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

31000 JPM21 AMW 18/3P30: LEFT FUS AGE

(RCLB010)

SYNCD  
X/L  
A IN A  
4 IN  
10.010  
1.000

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
PAGE 288



8:0050772: 1487E:845P55: LEFT FUSELAGE

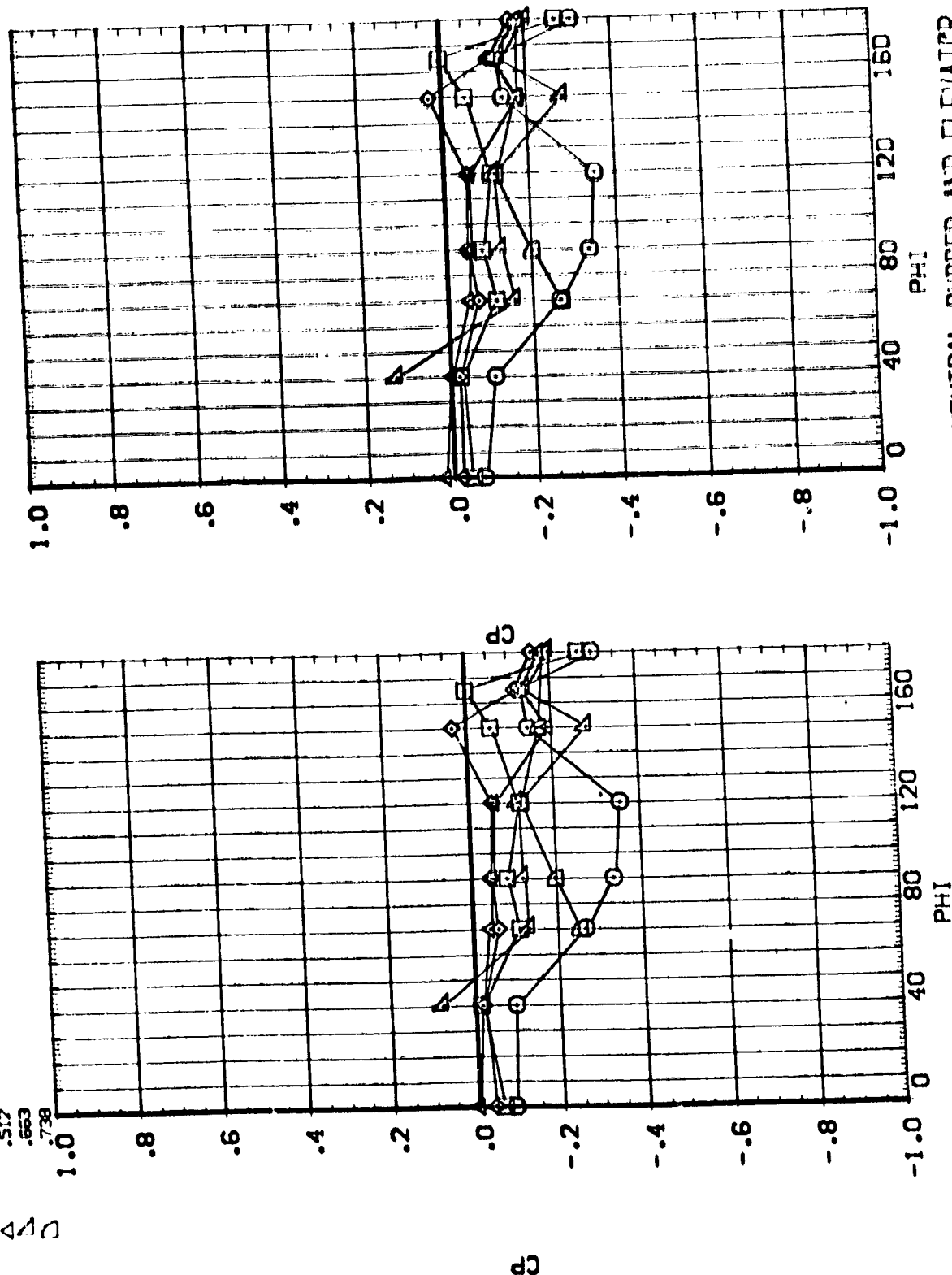
SYMBOL X/L A IN/A BETA

.271  
.320  
.385  
.512  
.663  
.738

.000  
1.000

(R013011)

PARAMETRIC VALUES  
ELEVTR .000  
RUDDER .000  
FLAP -38.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

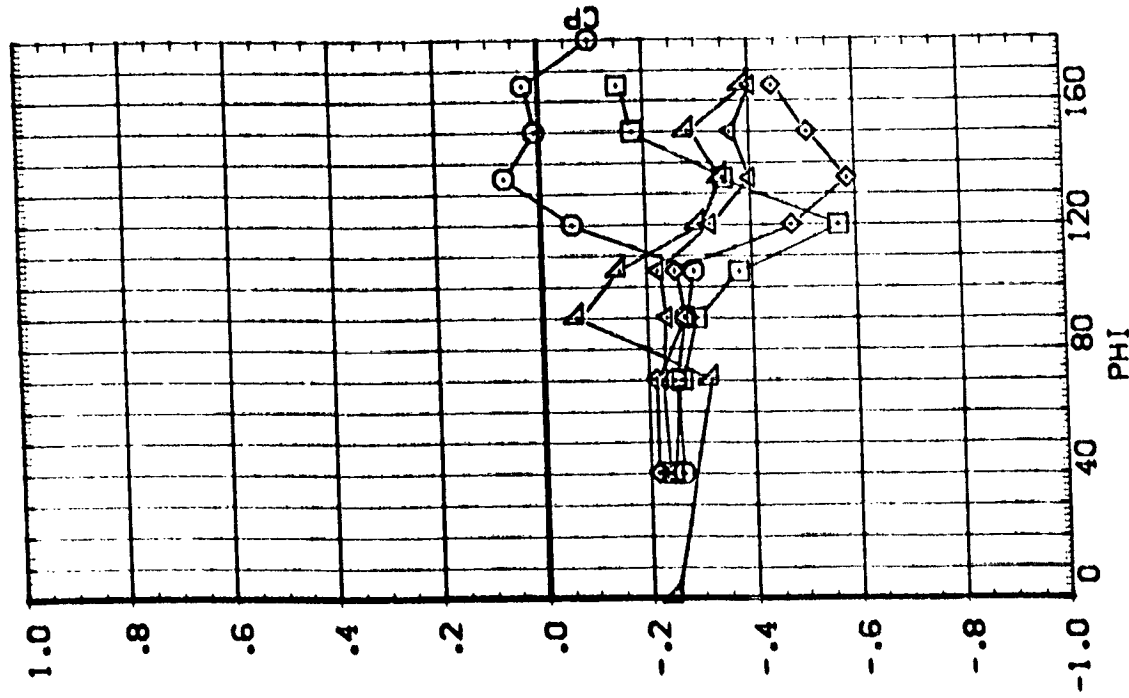
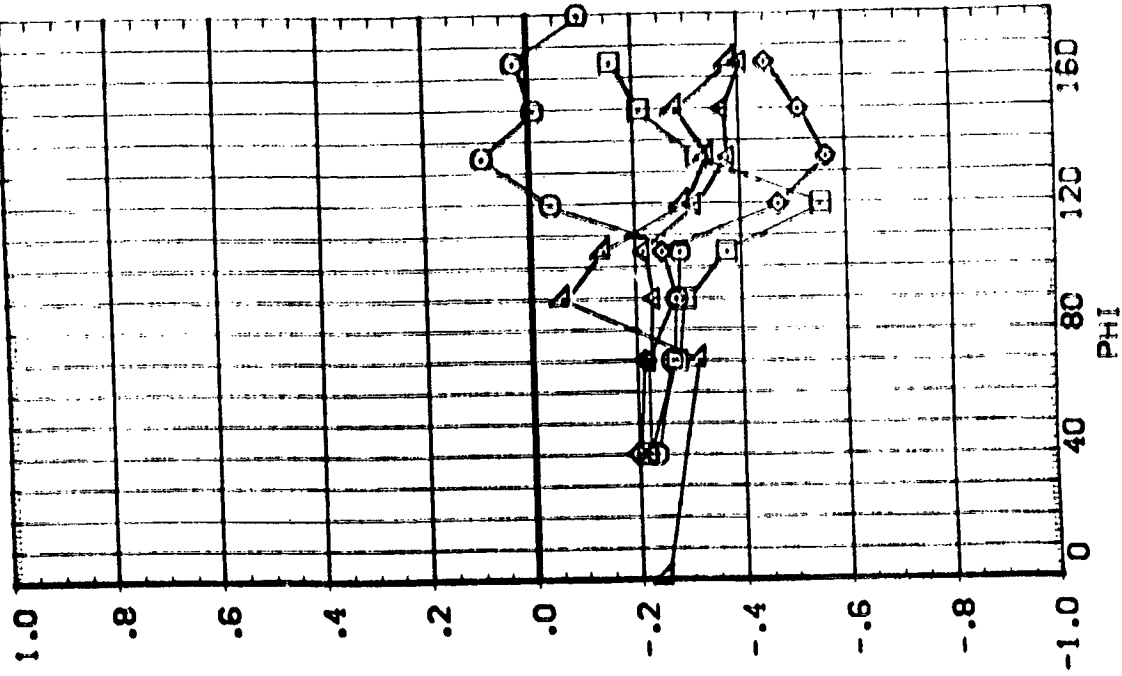


B:00507V2F:W87E:8VSR5G: LEFT FUSELAGE

(PC-301)

SYMBOL X/L A-B-A BETA  
 17010 .787 .000 10.010  
 10110 .828 .000 1.020  
 11047 .885  
 12026 .926  
 13047 .964

PARAMETER VALUES  
 ELEVTR .000 RUDER .000  
 RUDFLR 40.000 FLAP -30.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

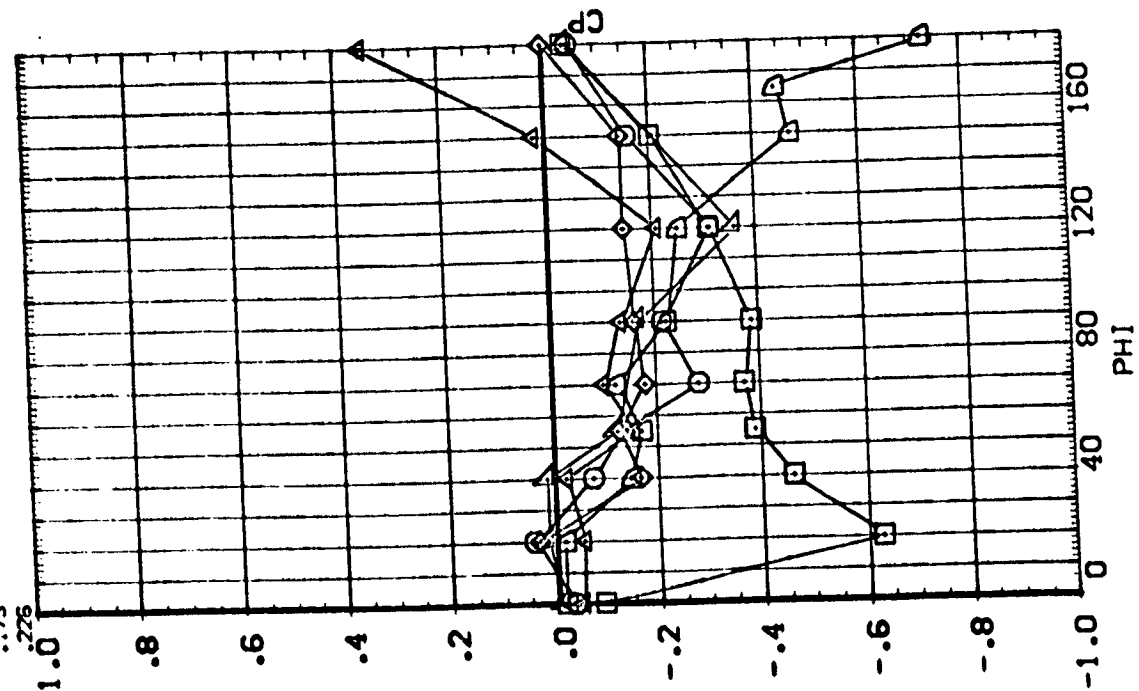
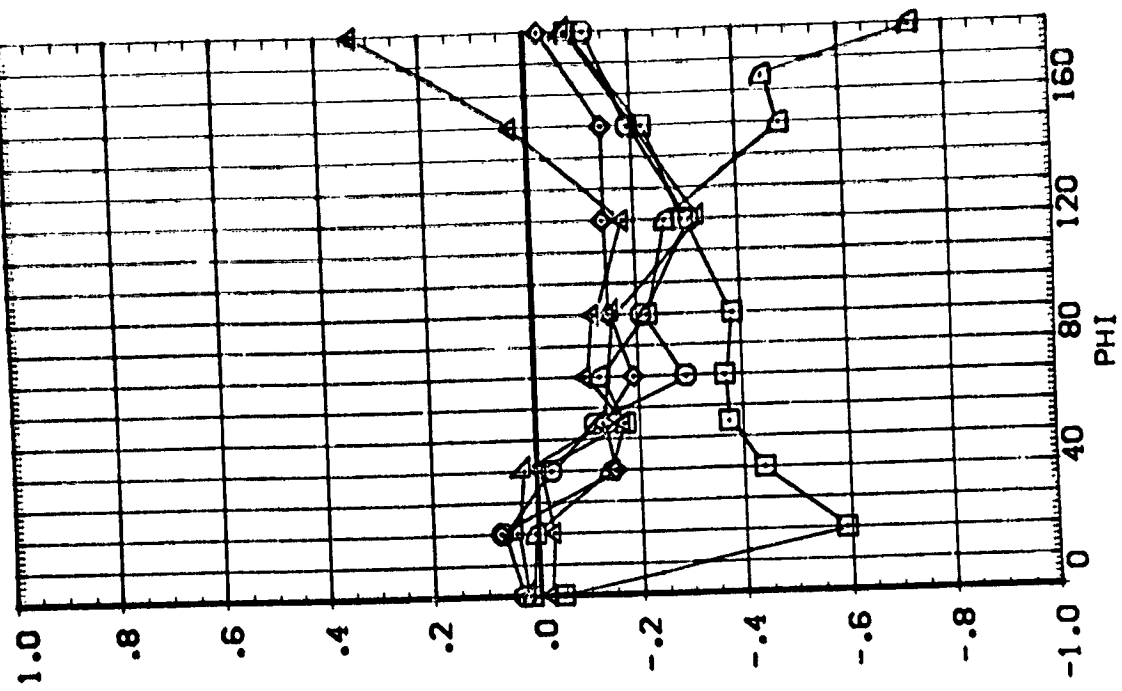


3:00507M2F:W87E:8VSR561 LEFT FUSELAGE

(ROLB01)

SYNCH X/L ALPHA BETA  
 .019 2.040 10.020  
 .034 4.050  
 .080  
 .136  
 .173  
 .226

PARAMETRIC VALUES  
 .000 RUDDER  
 40.000 FLAP  
 .000  
 -10.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 30:

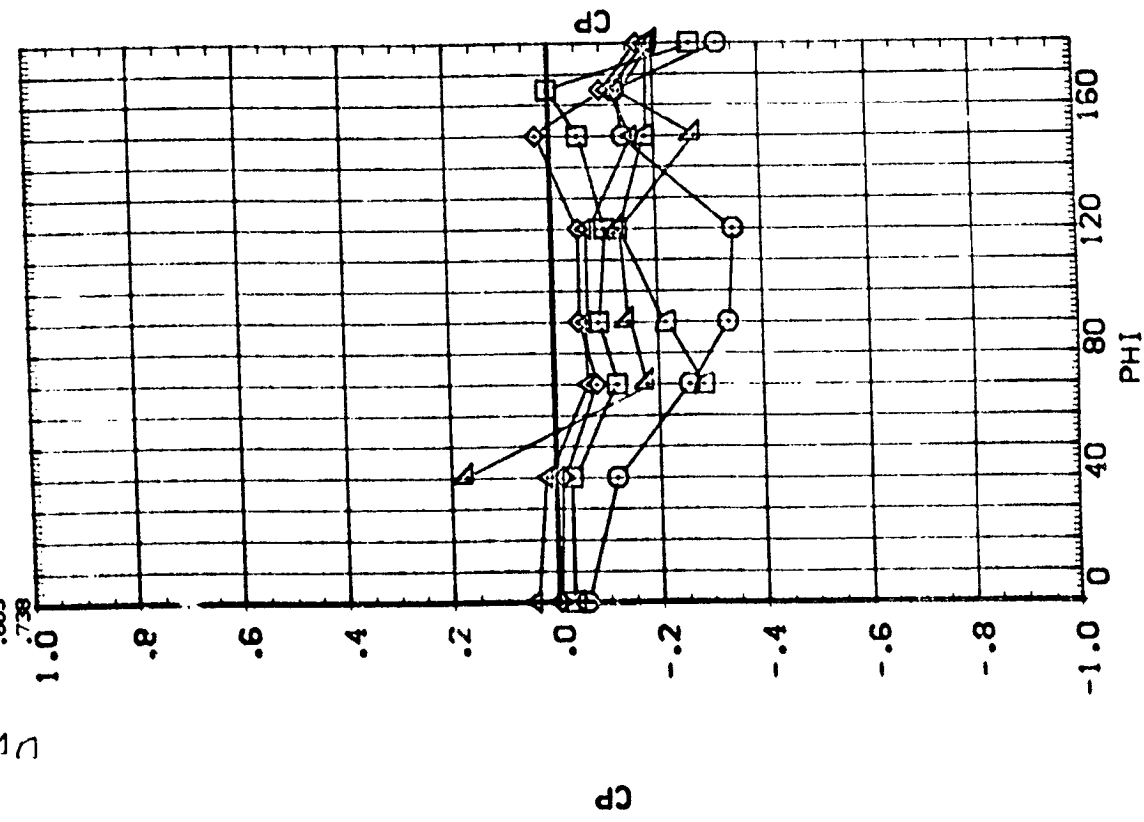
B:00507M2F:W87E18V5R5G: LEFT FUSELAGE

S-480  
 X/L  
 .27  
 .320  
 .365  
 .512  
 .663  
 .738

ALPHA  
 2.040  
 4.050

BETA

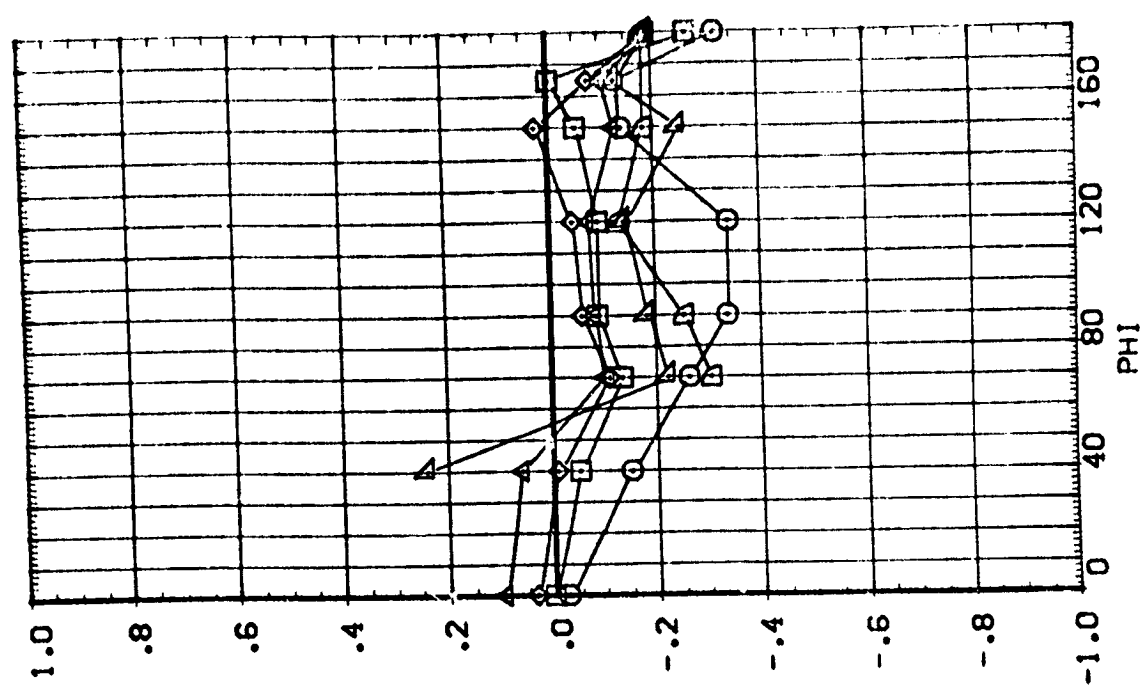
10.020



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

(RDLB01)

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUJFLR 40.000 FLAP -10.000



3:CC507M2F1W87E18V5R5G1 LEFT FUSELAGE

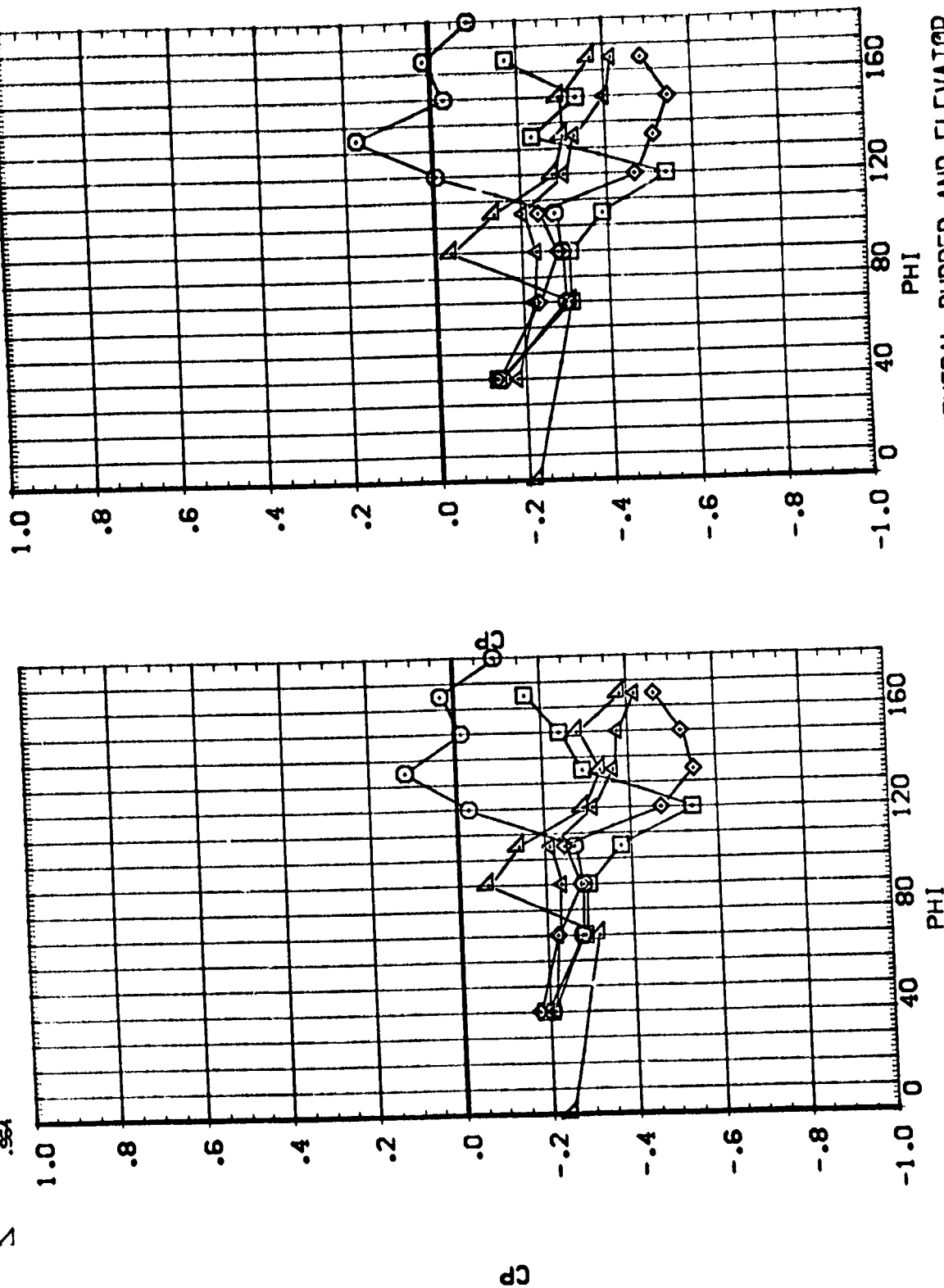
(RDLB01)

SYMBOL  
X<sub>L</sub>  
.787  
.878  
.885  
.976  
.984

ALPHA  
2.040  
4.250

BETA  
10.020

PARAMETRIC VALUES  
ELEVTR 40.000 RUDDER .000  
RUDFLR -18.000 FLAP .000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



0.000

B:00507M2:1W87E18VSR5G1 LEFT FUSELAGE

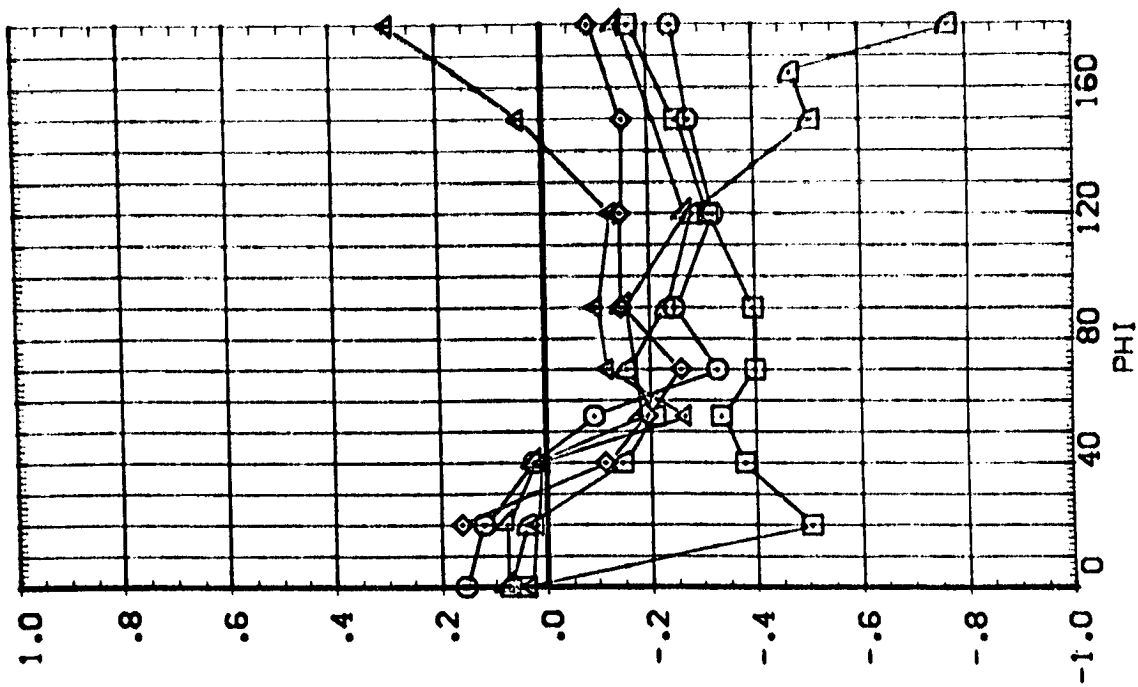
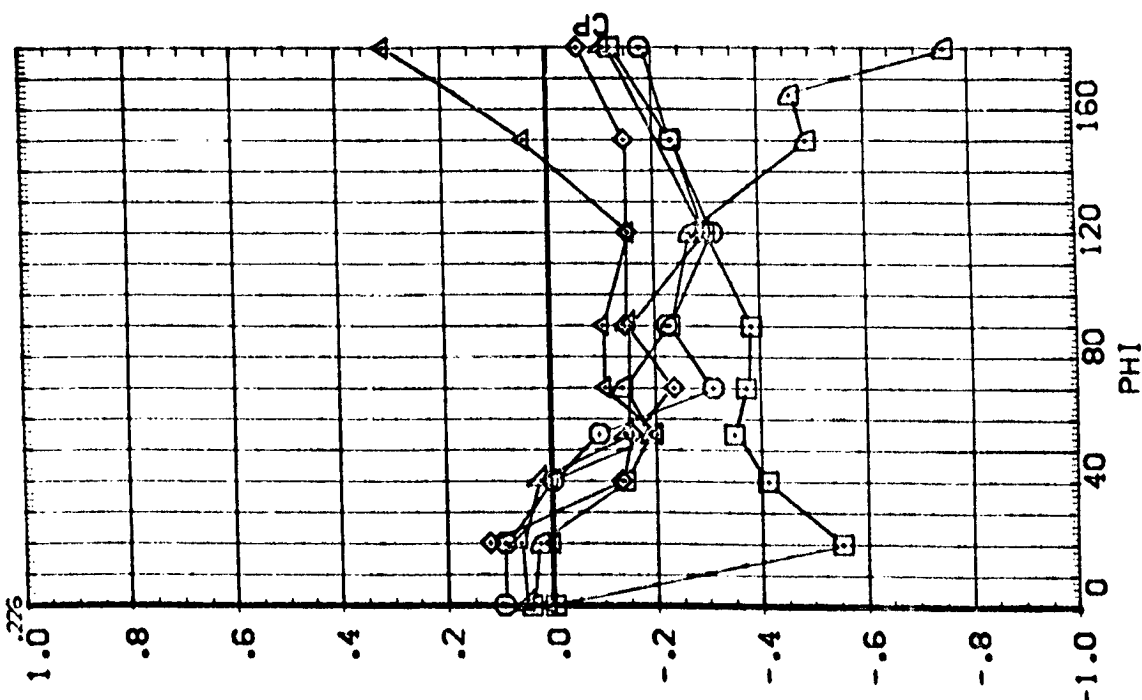
SYMBOL  
0 1 2 3 4 5 6 7

X/L  
.019  
.034  
.050  
.066  
.082  
.100  
.126

A.P.A.  
6.080  
8.100

BETA  
10.010

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFLP 40.000 FLAP -10.000



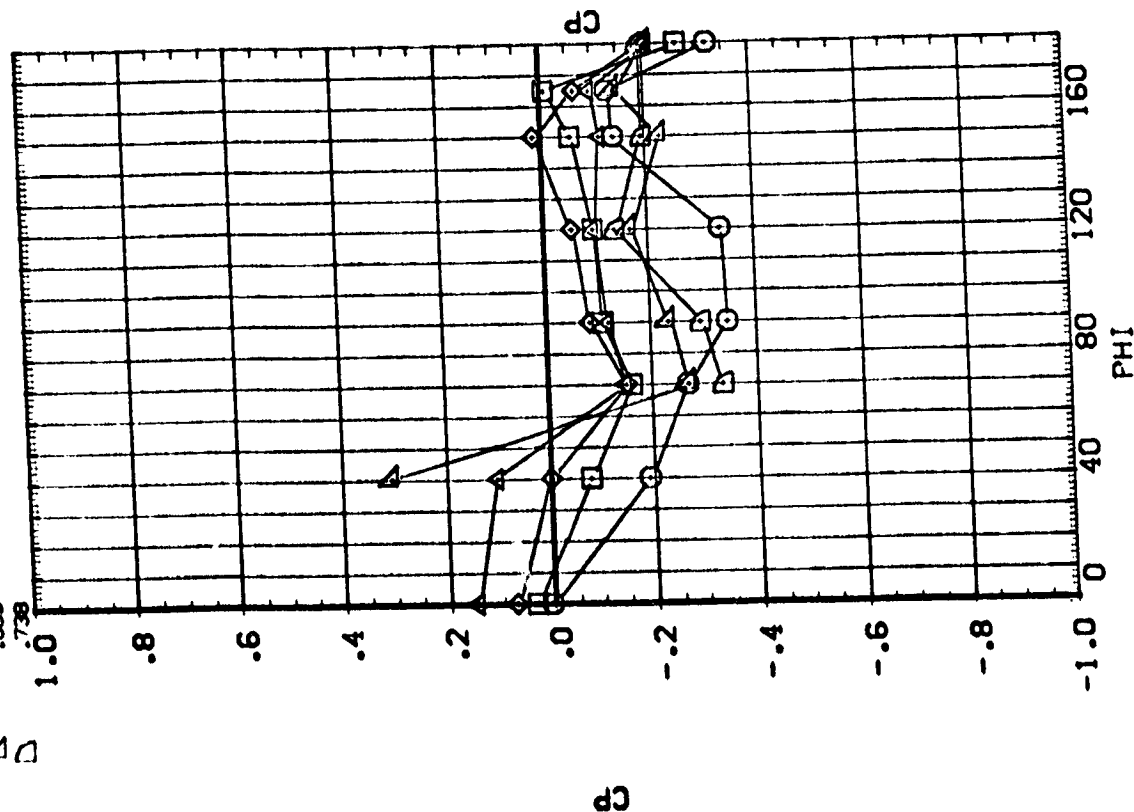
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR



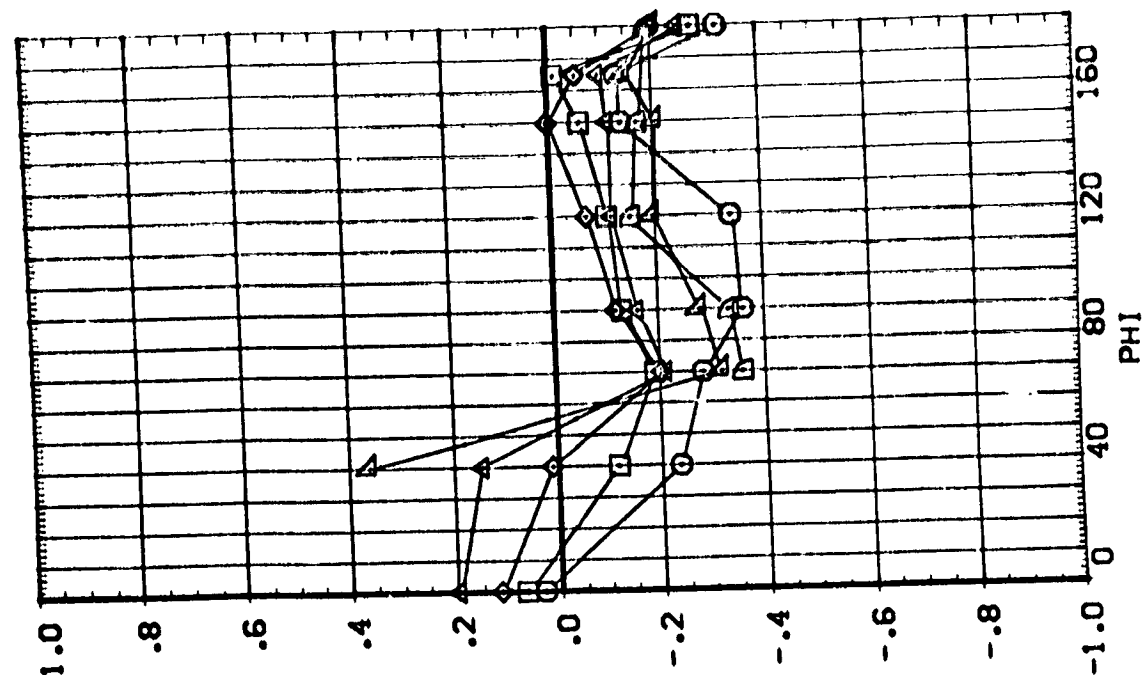
B100507M2F:W87E18V5R5G: LEFT FUSELAGE

(RDLB01)

SYMBOL X/L A-PHA BETA  
 .271 6.080 10.010  
 .320 8.130  
 .395  
 .512  
 .663  
 .738



PARAMETRIC VALUES  
 ELEVTR .000  
 RUDDER .000  
 FLAP -18.000

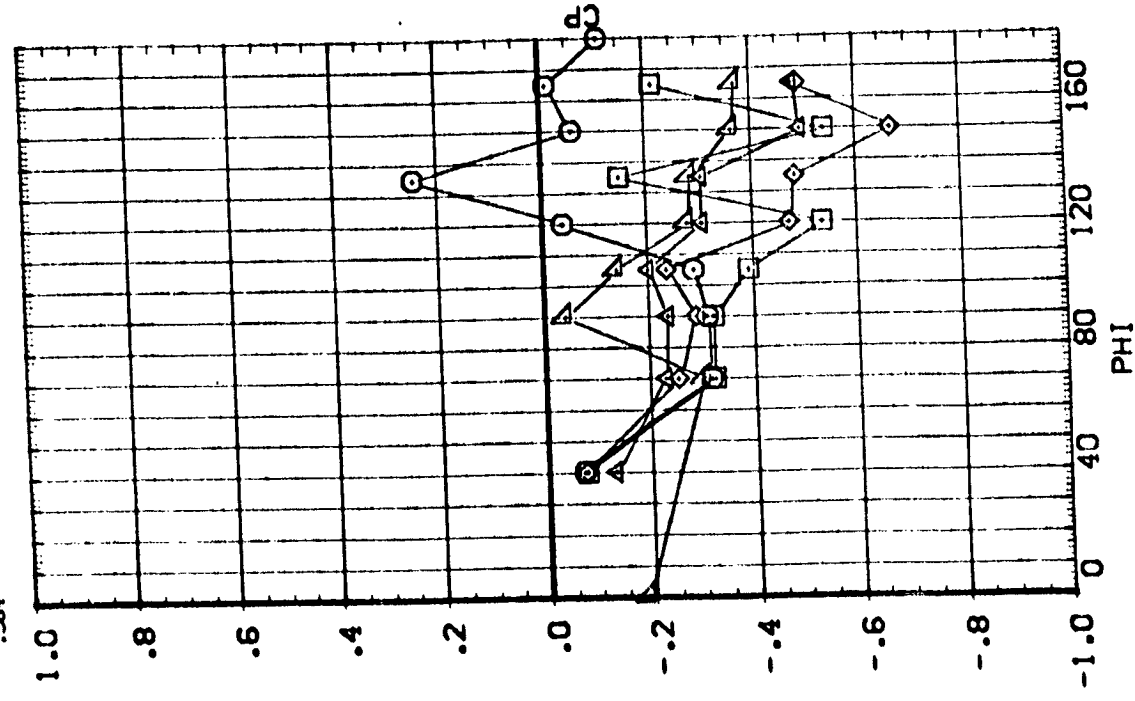
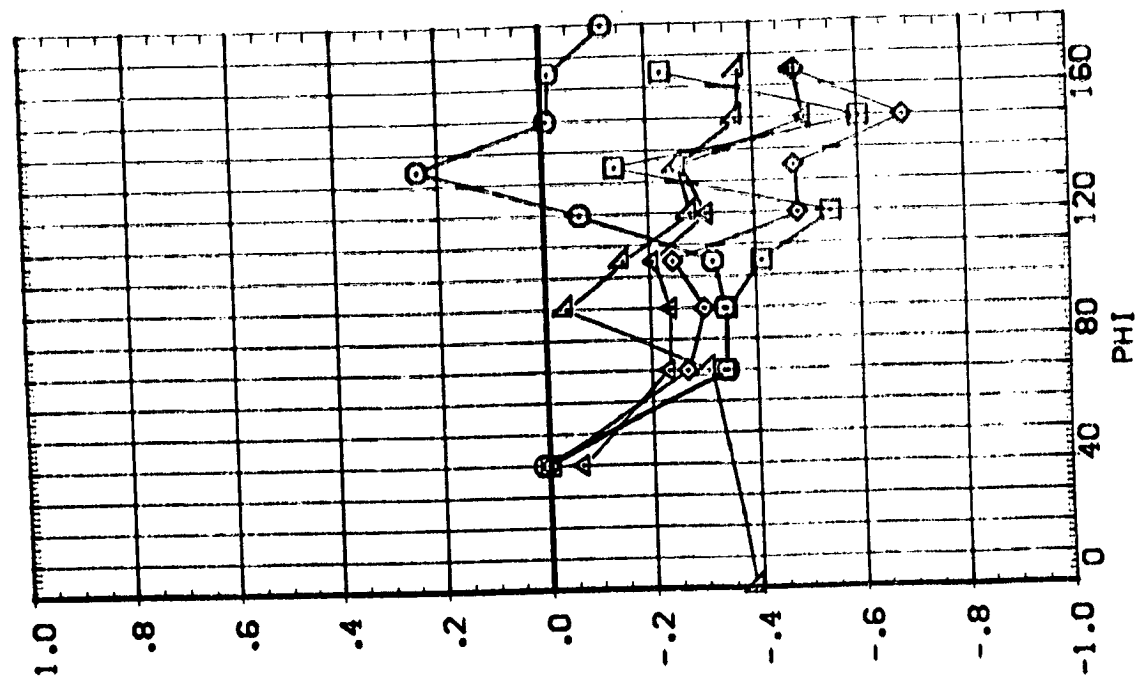


(ROLB01)

3:00507V2F1W87E18V5R5G: LEFT FUSELAGE

SYNCH X/L A/DIA BETA  
 .787 6.08C 10.01C  
 .878 8.11C  
 .885  
 .976  
 .964

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RJOFLR 40.000 FLAP -18.000

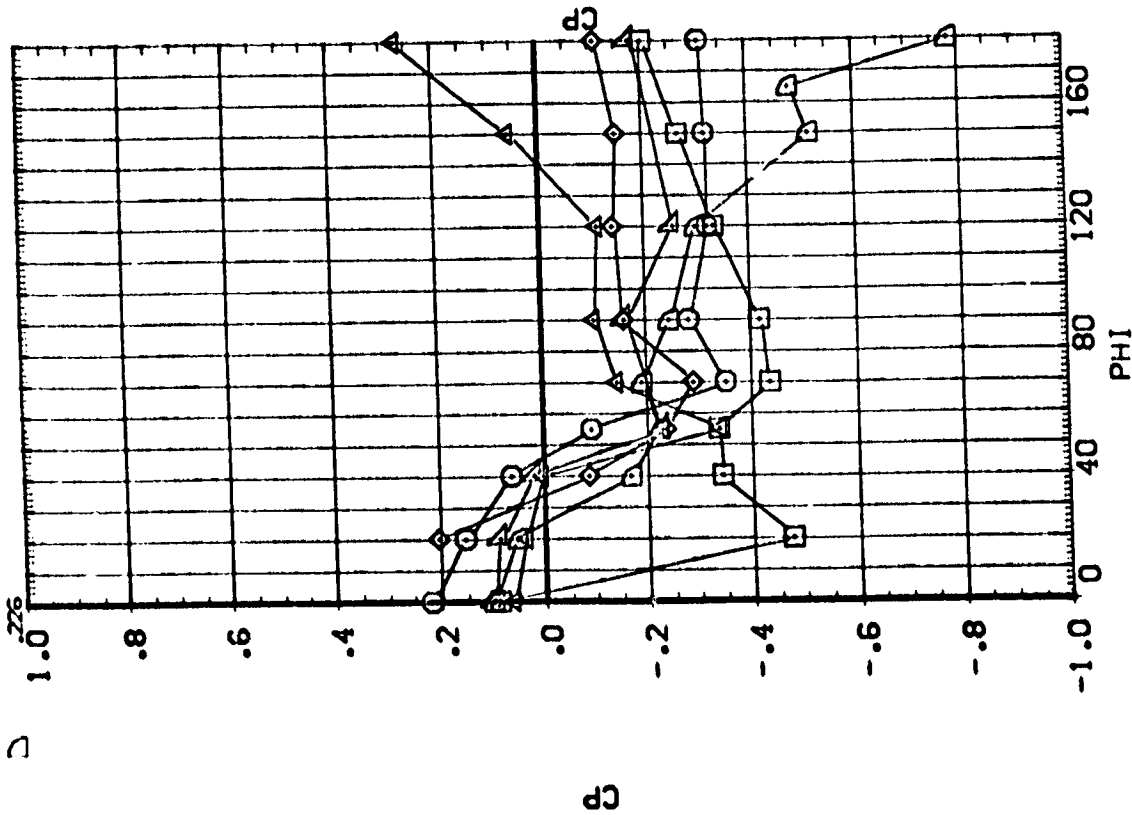


RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

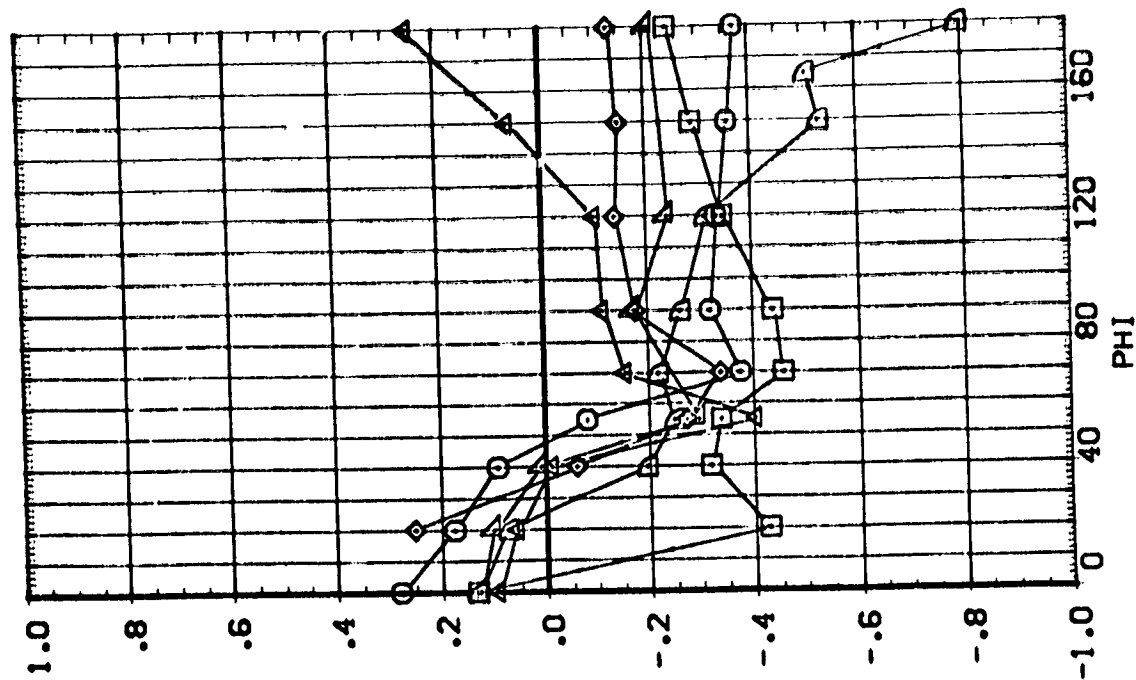
B:000007M2:1W87E18V5R5G: LEFT FUSELAGE

(ROLB01)

SYBC  
X/L  
ALPHA  
BETA  
0.019  
0.140  
0.034  
0.060  
0.136  
0.173  
0.226



PARAMETRIC VALUES  
ELEVTR .000  
RJOFLR 40.000  
RUDDER .000  
FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR

(RC-301)

B:00507M2F:W87E18/5R5G: LEFT FUSELAGE

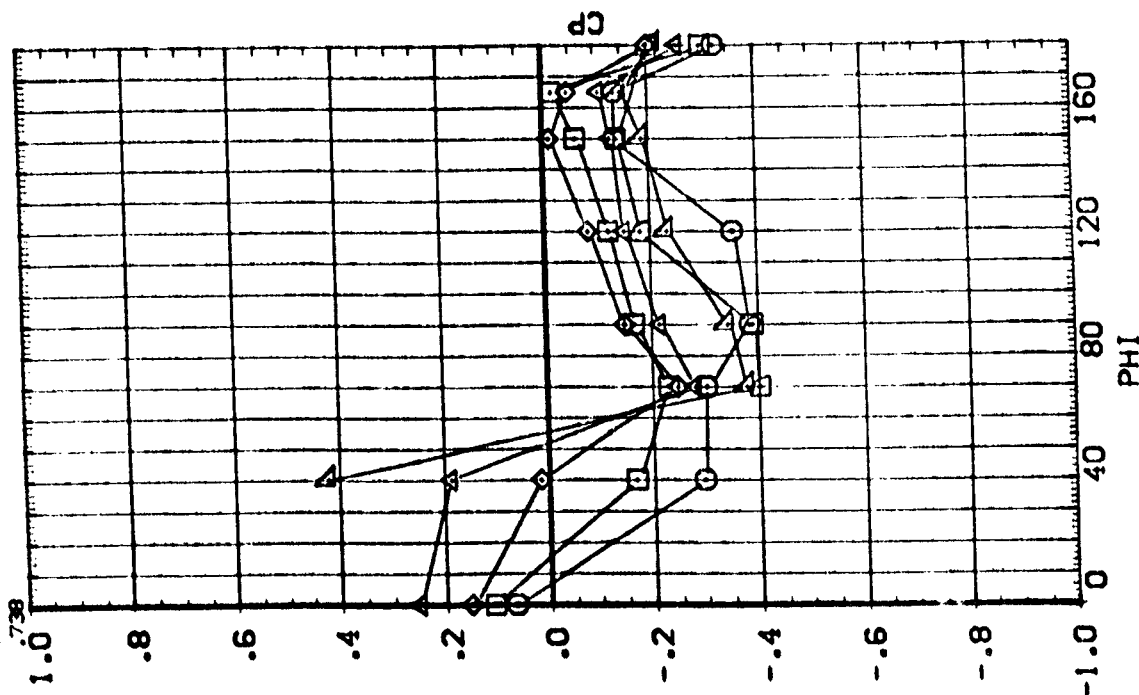
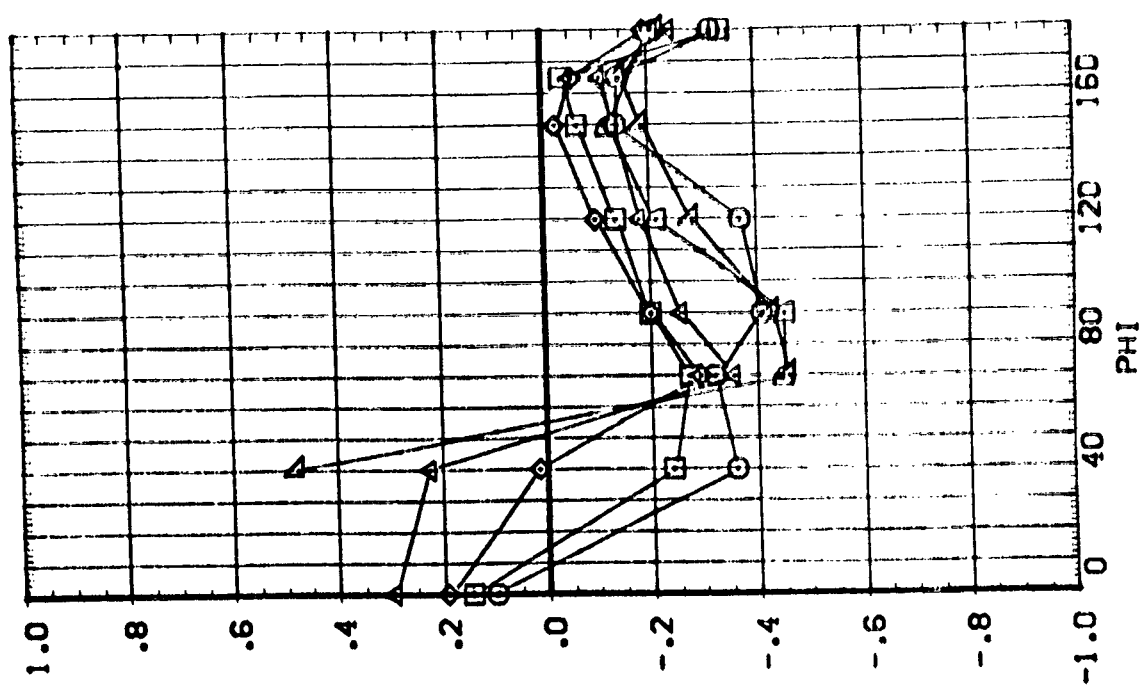
SYMBOL  
0010442

X/L  
.27  
.32  
.35  
.512  
.663  
.738

ALPHA  
10.140  
12.170

BETA  
10.020

PARAMETRIC VALUES  
ELEVTR .000  
RUDDER .000  
FLAP -18.000



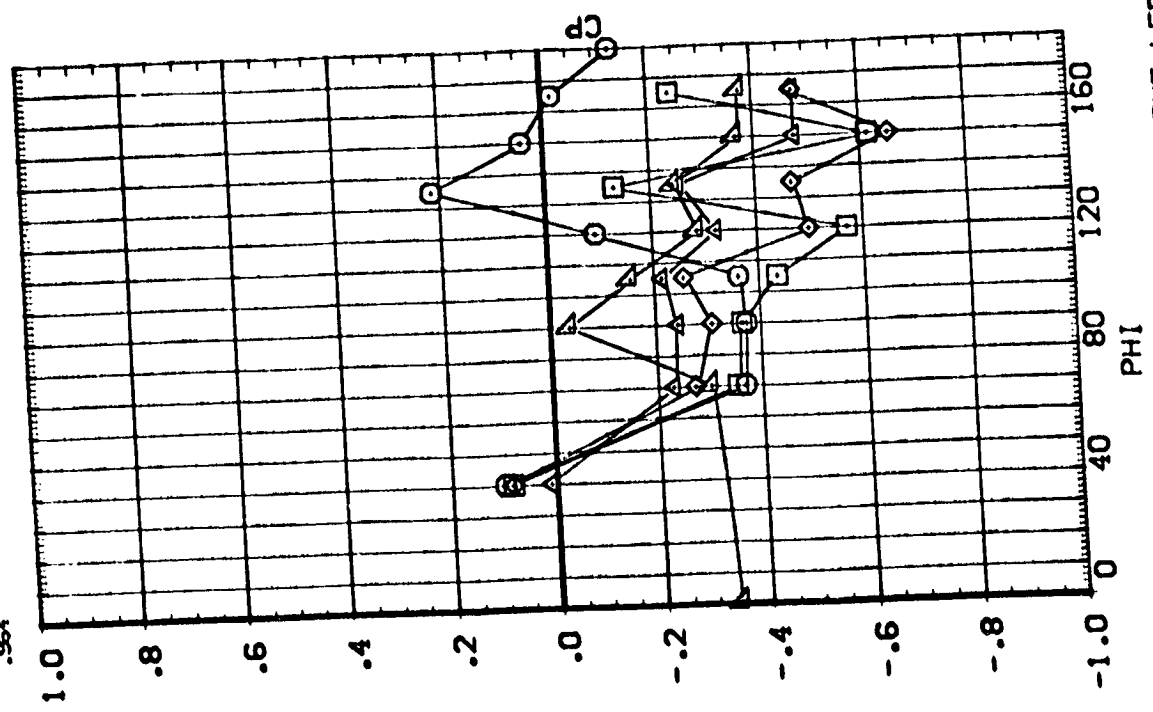
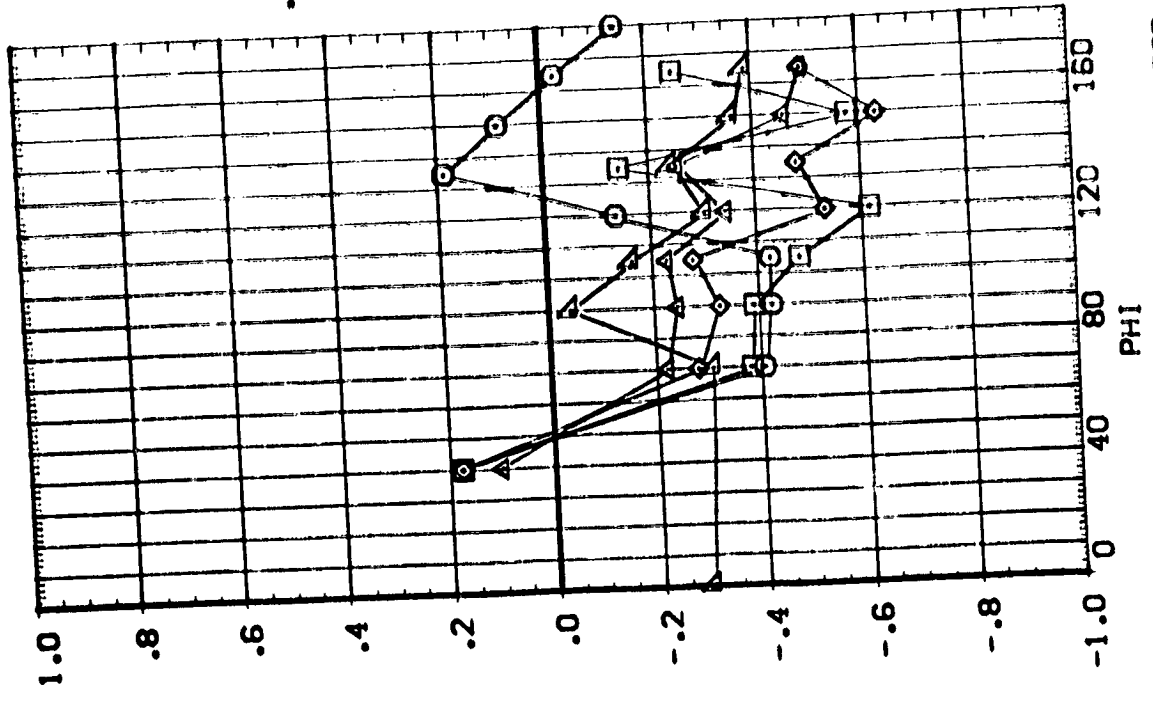
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
PAGE 308



B:CC5D7M2F1W87E18VSR5G: LEFT FUSELAGE

SYSC X/L A.P.A BETA  
 .787 10.143 10.020  
 .828 12.173  
 .885  
 .976  
 .984

( )  $\diamond$   $\triangle$   $\square$



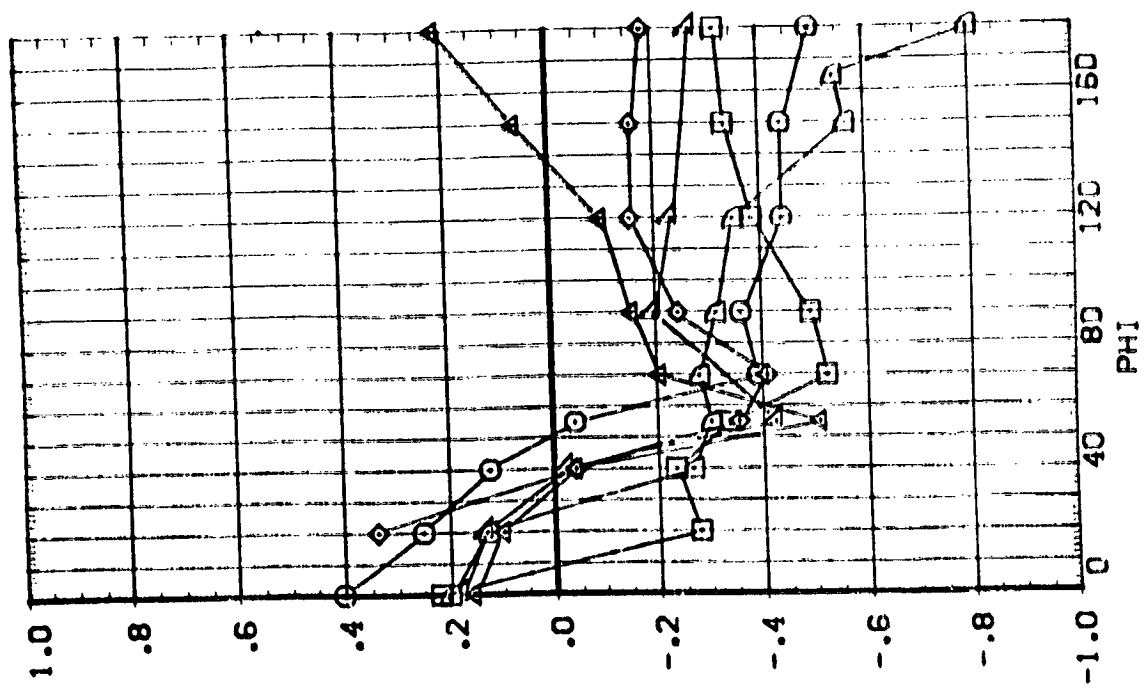
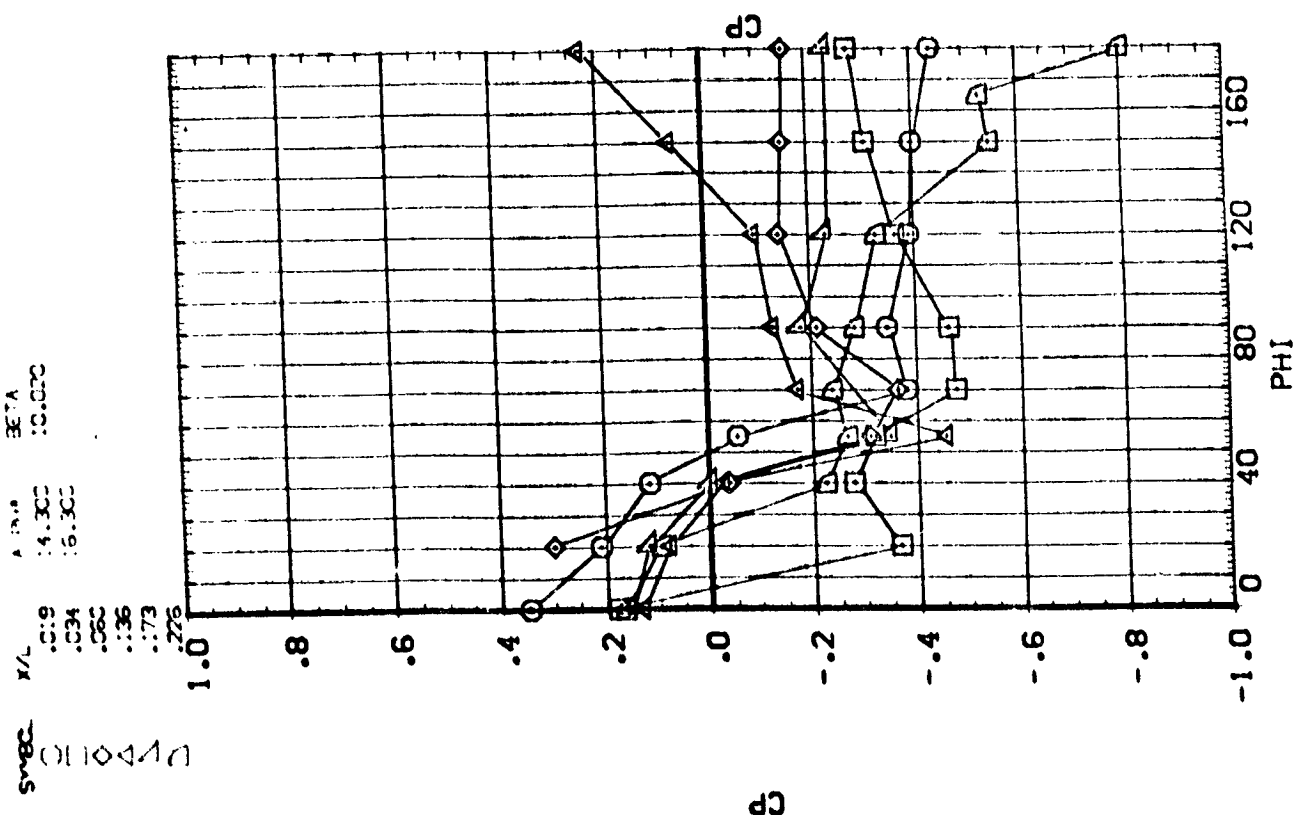
(RDLB01)

PARAMETRIC VALUES  
 ELEVTR .000 RUDER .000  
 RJOFLR 40.000 FLAP -18.000

RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 309

0000072:87:855G:USE-AGE

ELEVATOR	.00	READER	.00
ROOF	40.00	FLAP	-18.00
		STAIR CASE	.00



PHI  
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. NEUTRAL RUDDER AND ELEVATOR



3100507M2F1W87E18VSR5G1 LEFT FUSELAGE

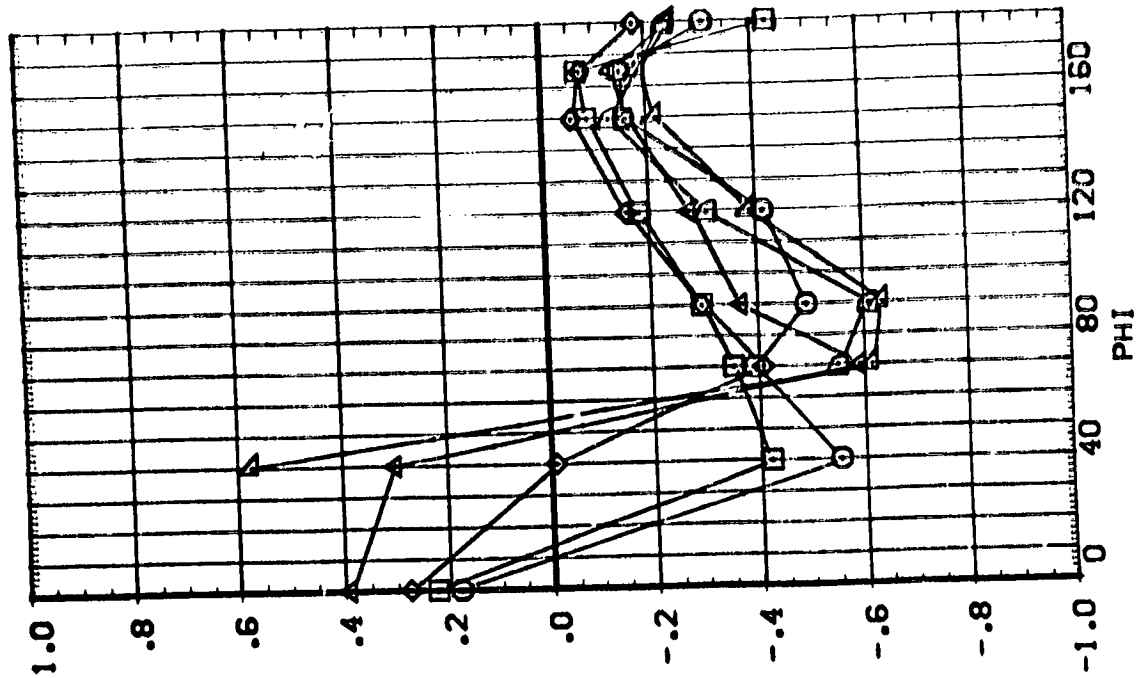
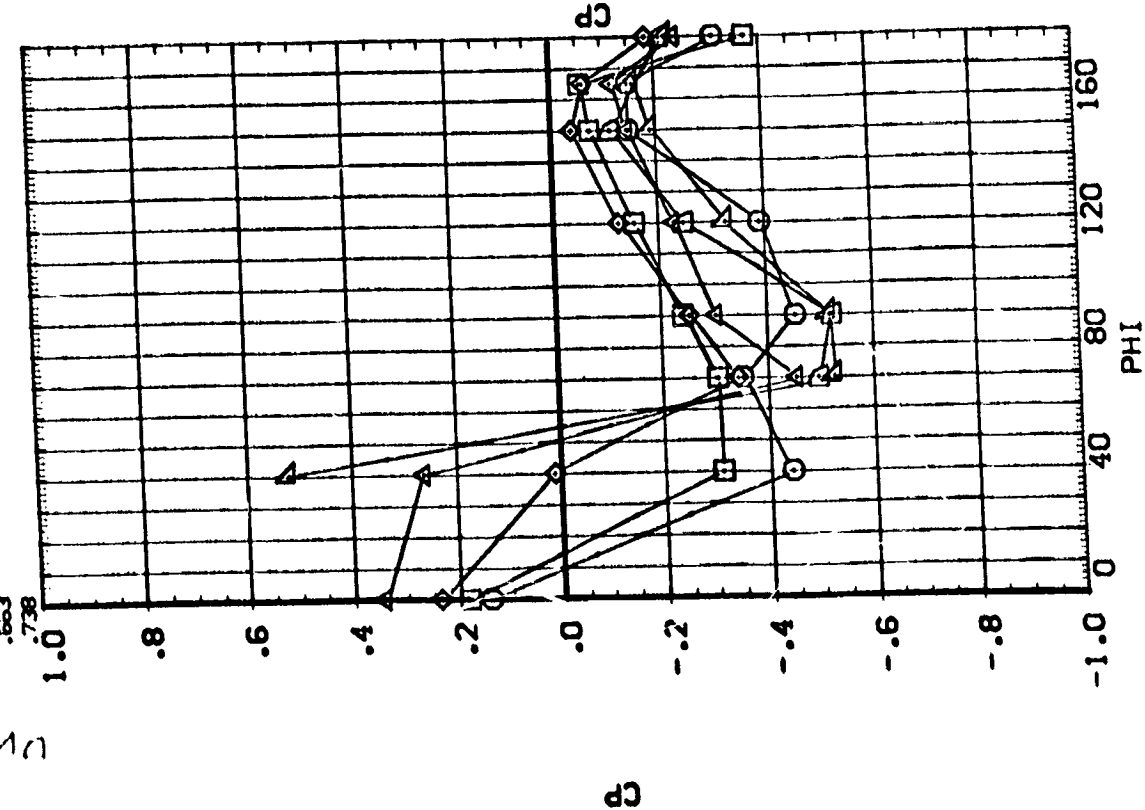
(RDLB01)

SYMBOL

M/L .271  
.370  
.385  
.512  
.663  
.738

ALPHA BETA  
14.300 10.020  
16.300

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .300  
RUFLR 40.000 FLAP -10.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR





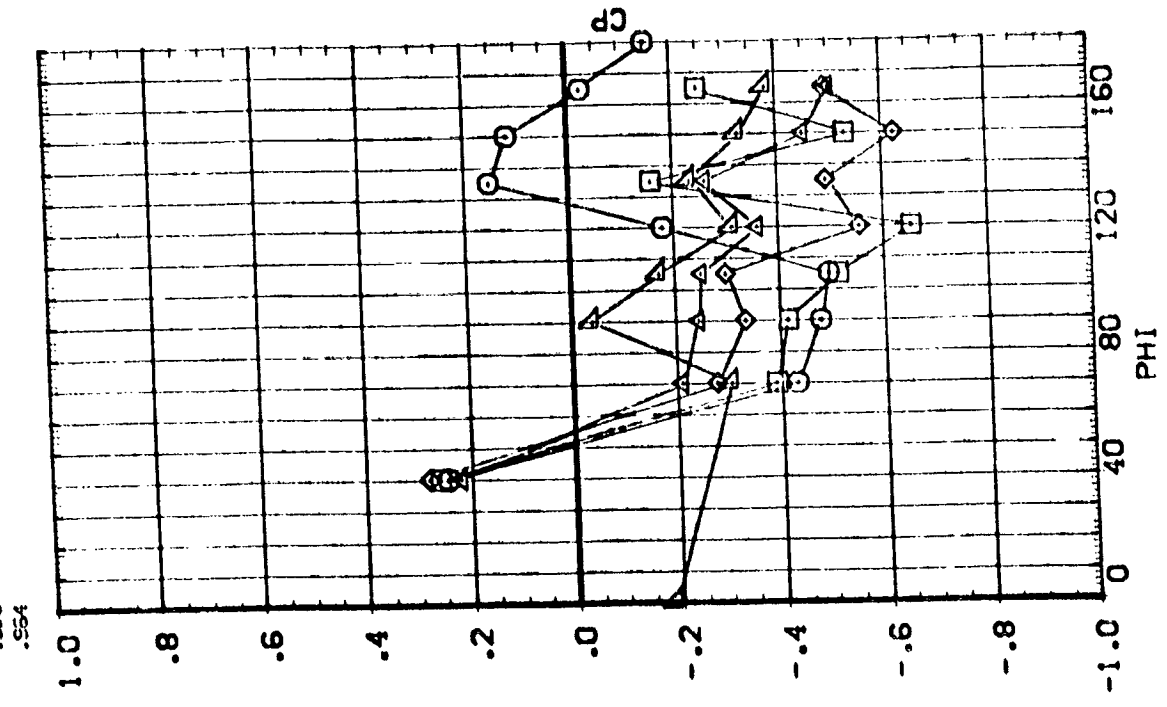
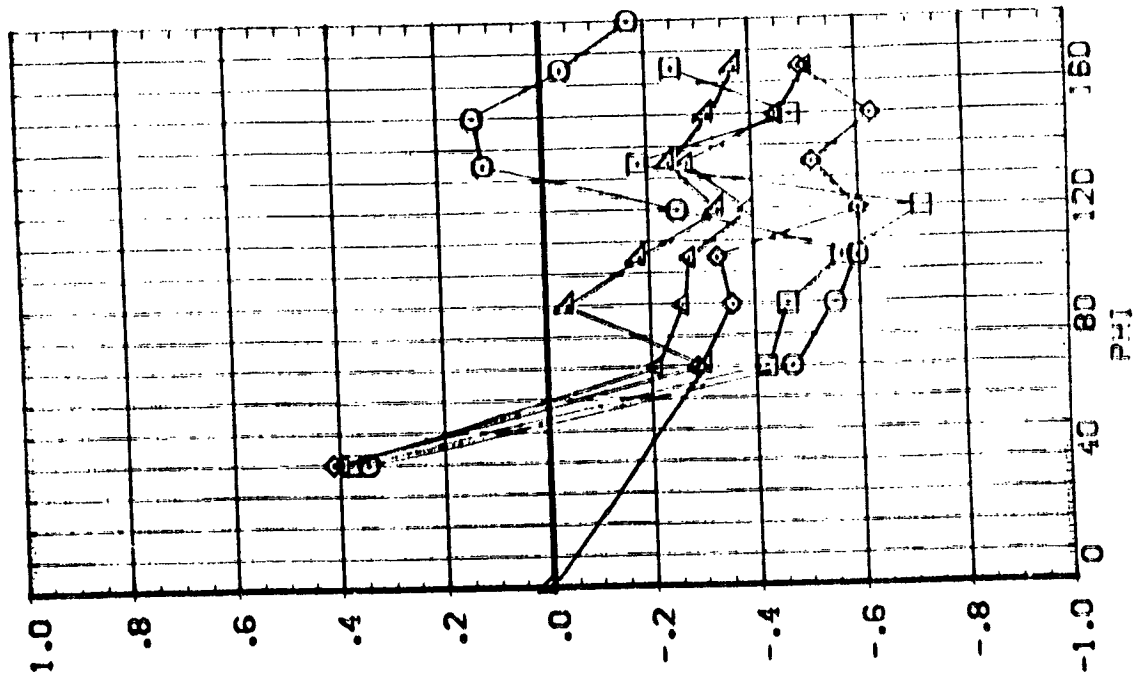
3:00007Y2F:187E18.5R53: LEFT FUSELAGE

(PCL301)

SYNTH  
X/L

ALPHA BETA  
.787 14.300 15.020  
.828 16.300  
.885  
.926  
.954

PARAMETRIC VALUES  
ELEVATOR .000  
RUDDER .000  
FLAP 40.000  
-18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
PAGE 312



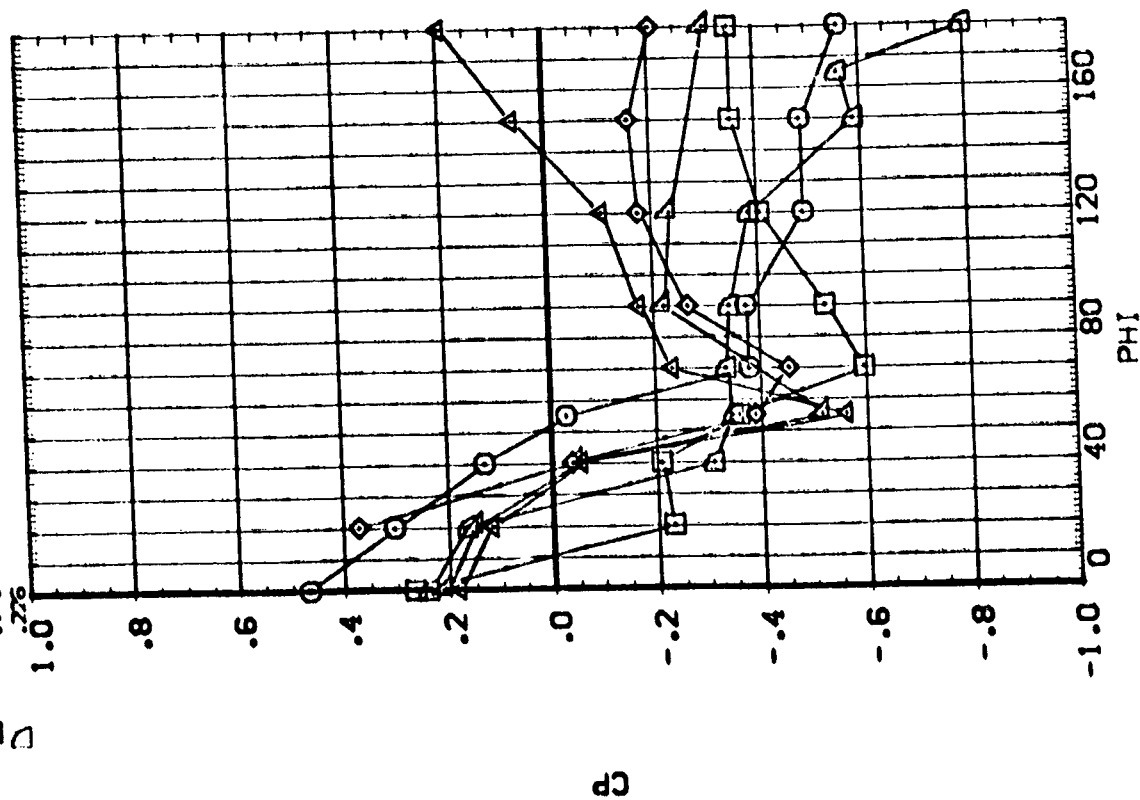
B:005372F:187E18VSR5G: LEFT FUSELAGE

(RDLBC1)

PARAMETRIC VALUES  
 .000 RUDDER .000  
 .000 FLAP -18.000  
 40.000

ALPHA BE TA  
 :0.310 :0.070

SYMBOL  
 0.000  
 0.034  
 0.060  
 0.136  
 0.173  
 0.276



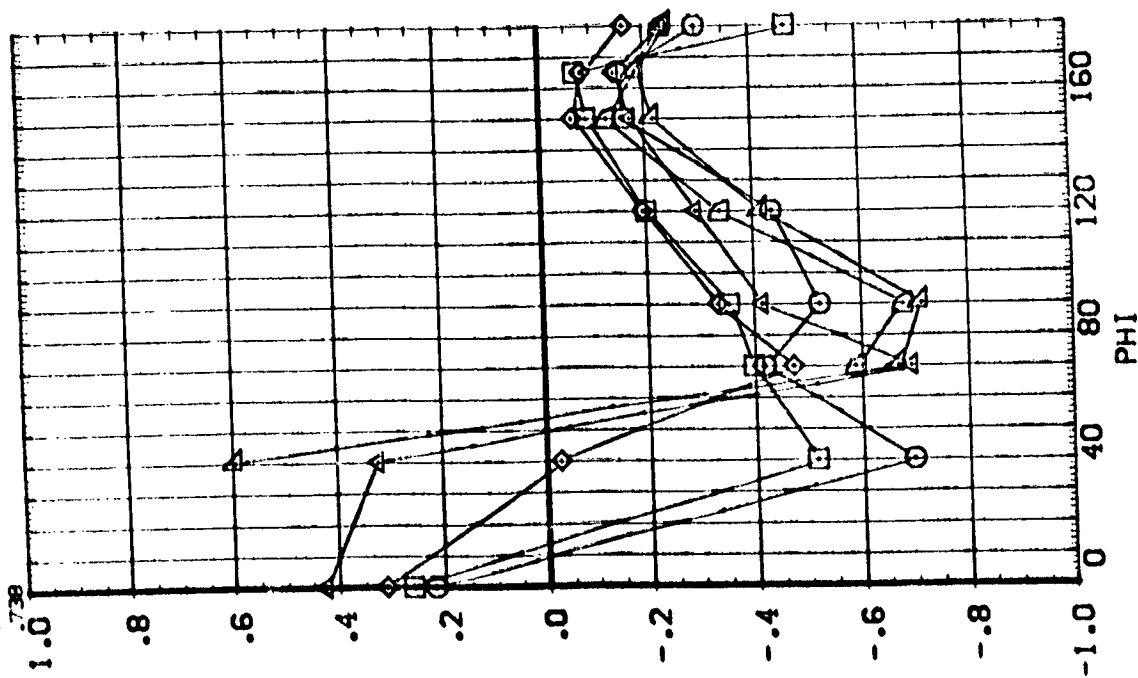
(201301)

B:005072F:W87E18VSR5G: LEFT FUSELAGE

PARAMETRIC VALUES  
 ELEV 40.000 RUDER .000  
 RUDER 40.000 FLAP -10.000

SYMBOL X/L A.P.A. BETA  
 .771  
 .370  
 .395  
 .517  
 .663  
 .738

0.000000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. NEUTRAL RUDDER AND ELEVATOR  
 PAGE 314

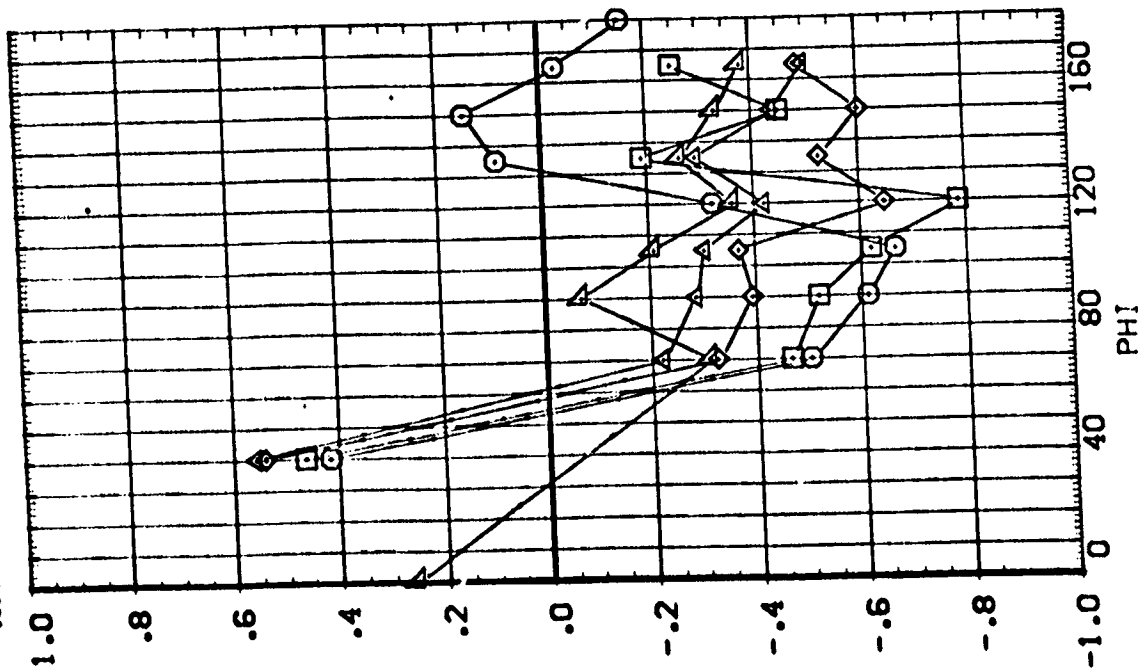


310050720 : 1875 : 18.5R55 : LEFT FUSELAGE

(RDLB01)

PARAMETRIC VALUES  
 .000 RUDER .000  
 40.000 FLAP -18.000

SYNCD X/L A/D/A % TA  
 .787 : 18.310 10.020  
 .878  
 .885  
 .976  
 .964



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 3:5



B:00507M2F1W87E18V5R5G: LEFT FUSELAGE

(RDLB02)

SYNDC

X/L

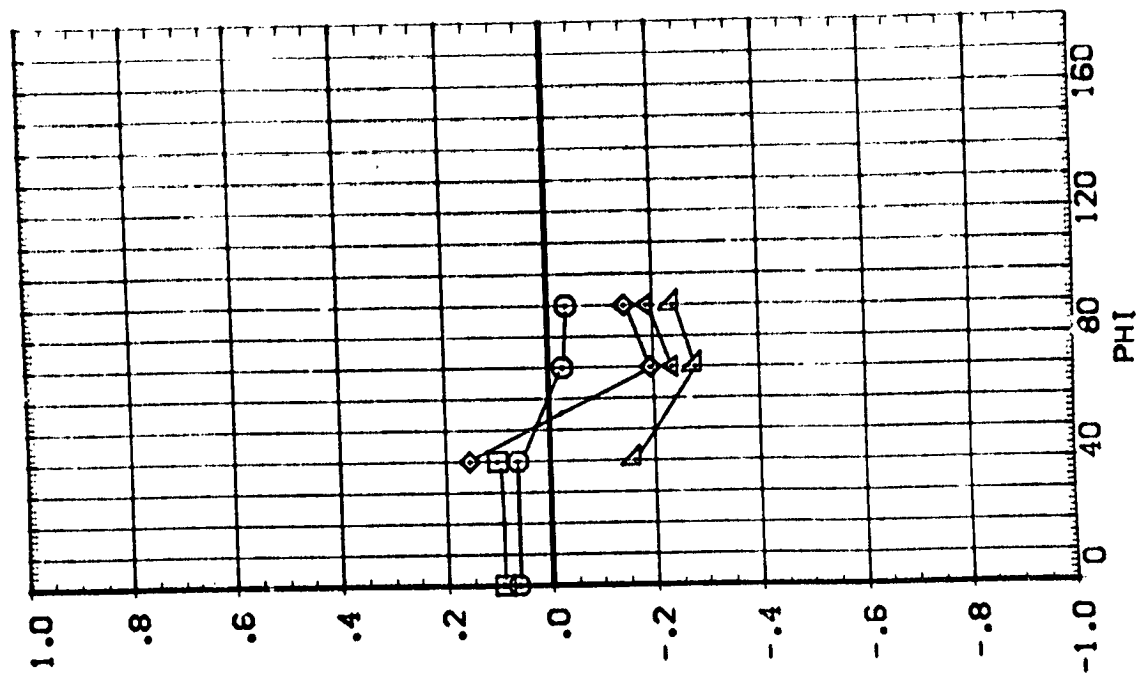
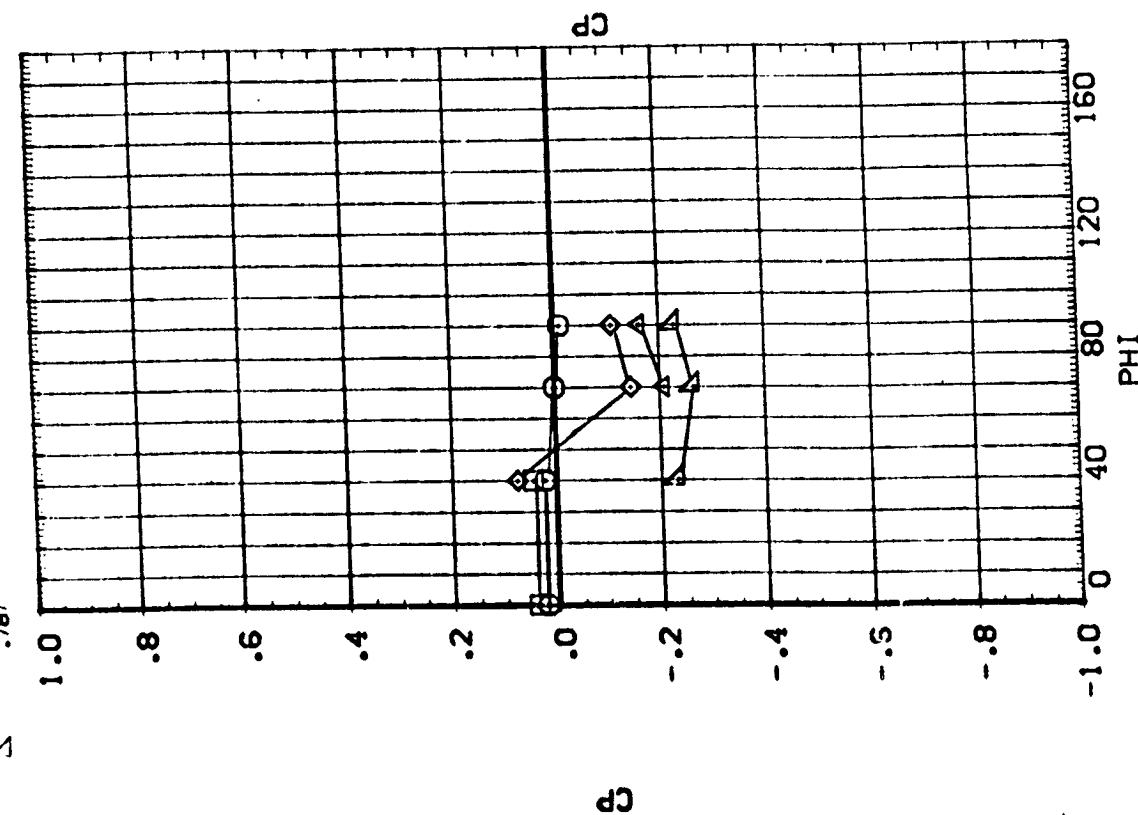
.512  
.587  
.663  
.738  
.787

ALPHA  
-3.040  
-1.000

BETA  
.000

PARAMETRIC VALUES

ELEVTR 15.000 RUDDER .000  
RJOFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+15 DEG., RUDDER = 0

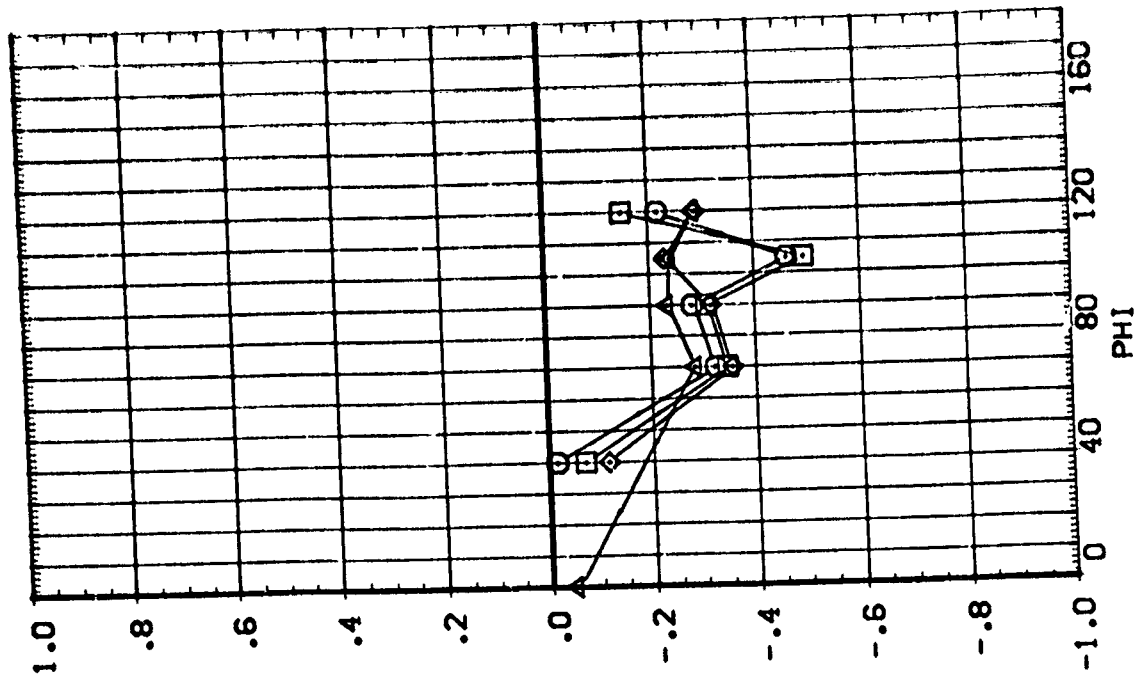
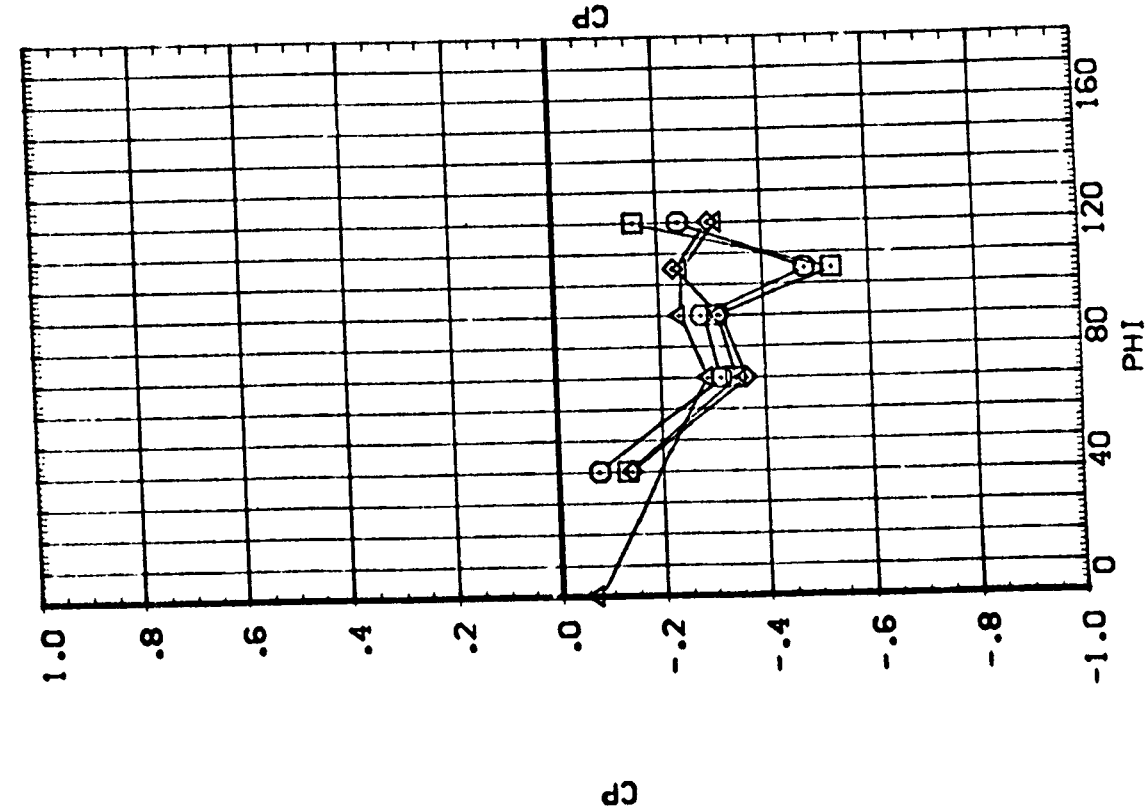


B:00000000:W87E:8V5R5G: LEFT FUSELAGE

(RDLB02)

SYMBOL X/L ALPHA BETA  
 .828  
 .885  
 .976  
 .964

PARAMETRIC VALUES  
 ELEVTR 15.000 RUDDER .000  
 RJOFLR 40.000 FLAP -18.000



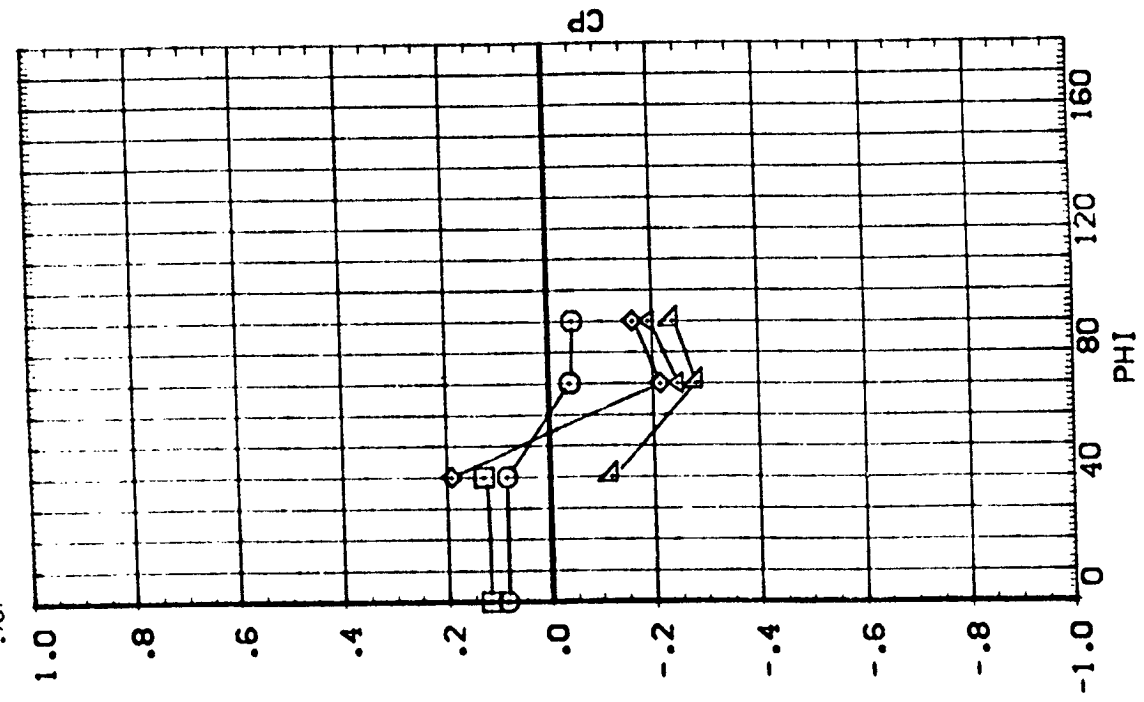
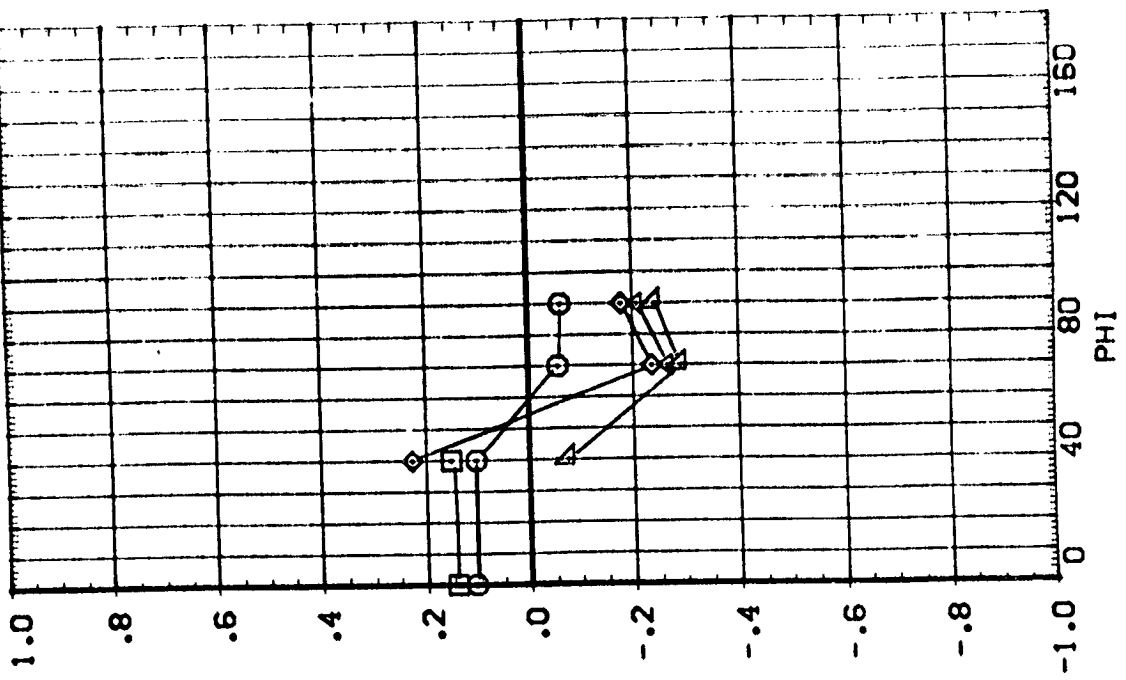
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+15 DEG., RUDDER = 0

(RDLB02)

3:0050777:187E18VSR50: LEFT FUSELAGE

PARAMETRIC VALUES  
 ELEVTR 15.000 RUDDER .000  
 ROLLR 40.000 FLAP -18.000

SWSC X/L A B/A B/A  
 .512 .010 .000  
 .587 .000  
 .663  
 .738  
 .787



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+15 DEG., RUDDER = 0  
 PAGE 3:8

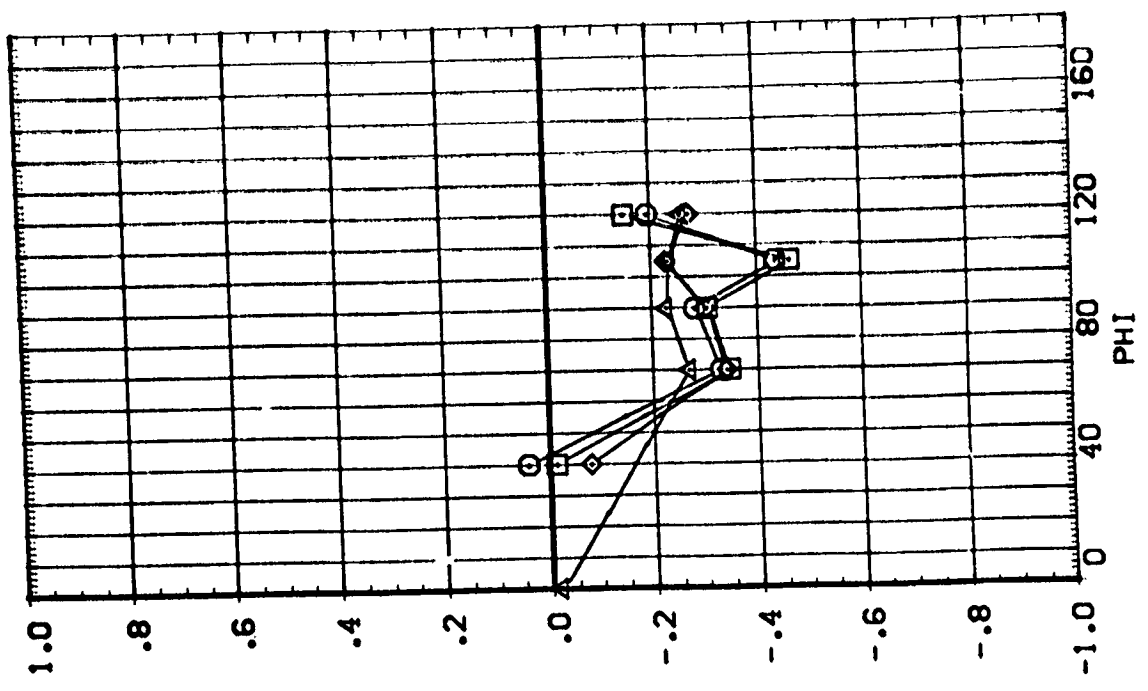
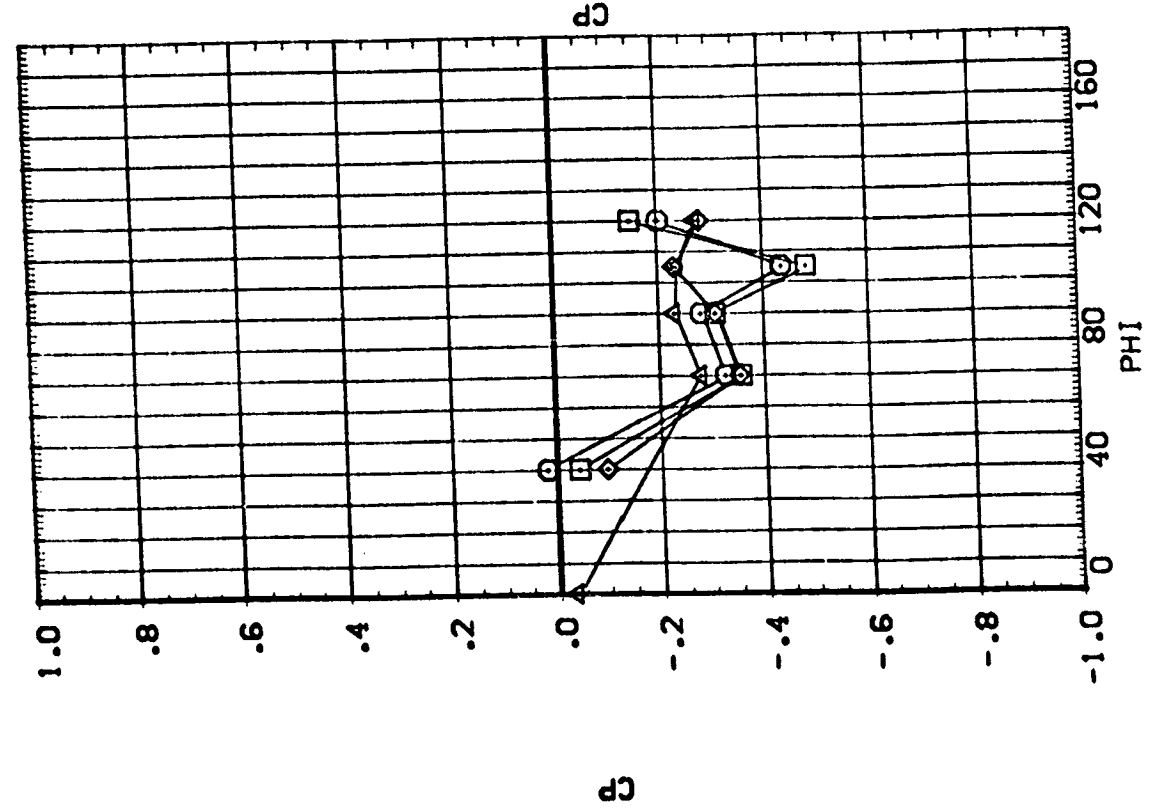


B:0050721:W87E:8VSR5G: LEFT FUSELAGE

(RDLB02)

SYMBOL X/L ALPHA BETA  
 ◊ .828  
 □ .885  
 △ .926  
 ◇ .954

PARAMETRIC VALUES  
 ELEVTR 15.000 RUDDER .000  
 RUDFLR 40.000 FLAP -10.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+15 DEG., RUDDER = 0



(RDL802)

BLOCK/M2F: 187E18V5R5G: LEFT FUSELAGE

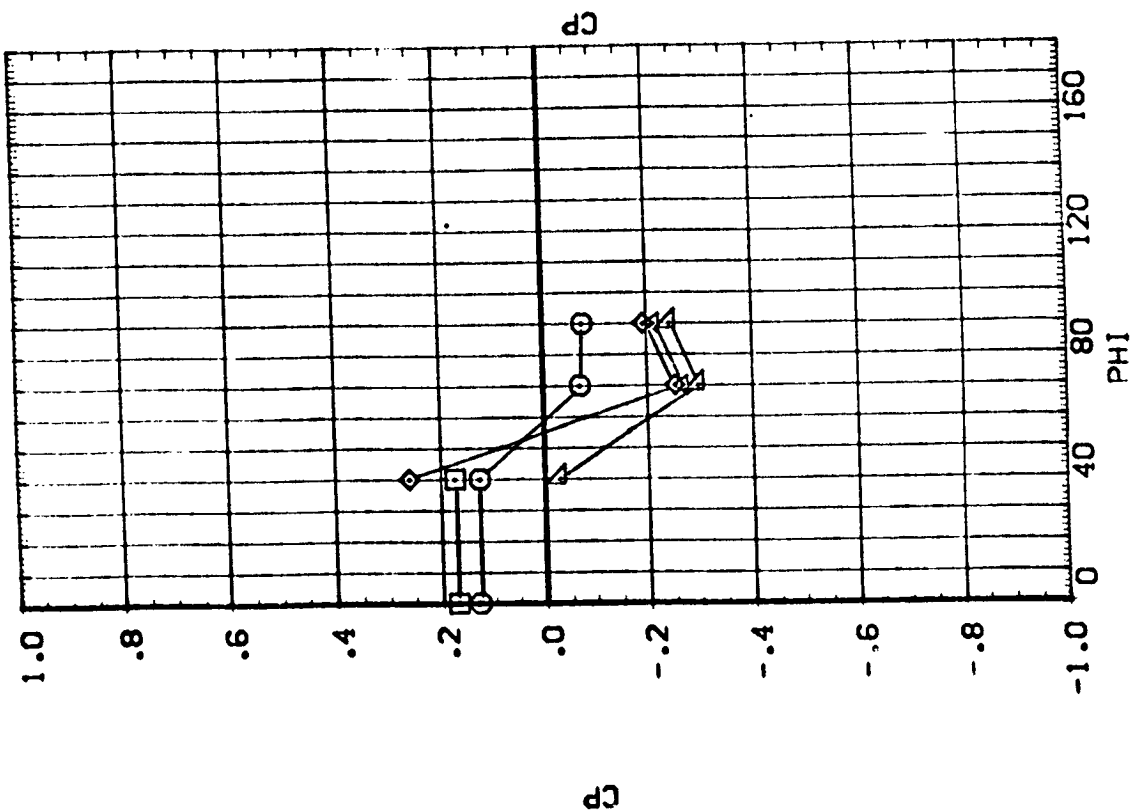
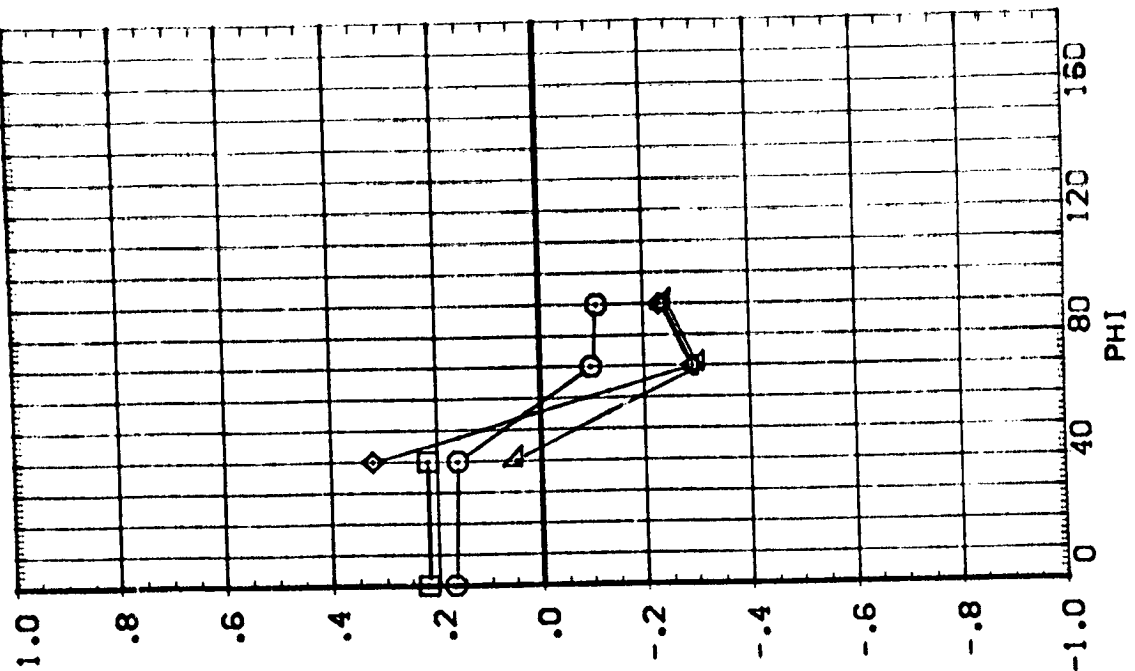
SWBC:  
000044

X/L: .512  
.587  
.663  
.738  
.787

A: 2.03C  
4.03C

BE: .000

PARAMETRIC VALUES  
ELEVTR 15.000 RUDDER .000  
RUOFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+15 DEG., RUDDER = 0

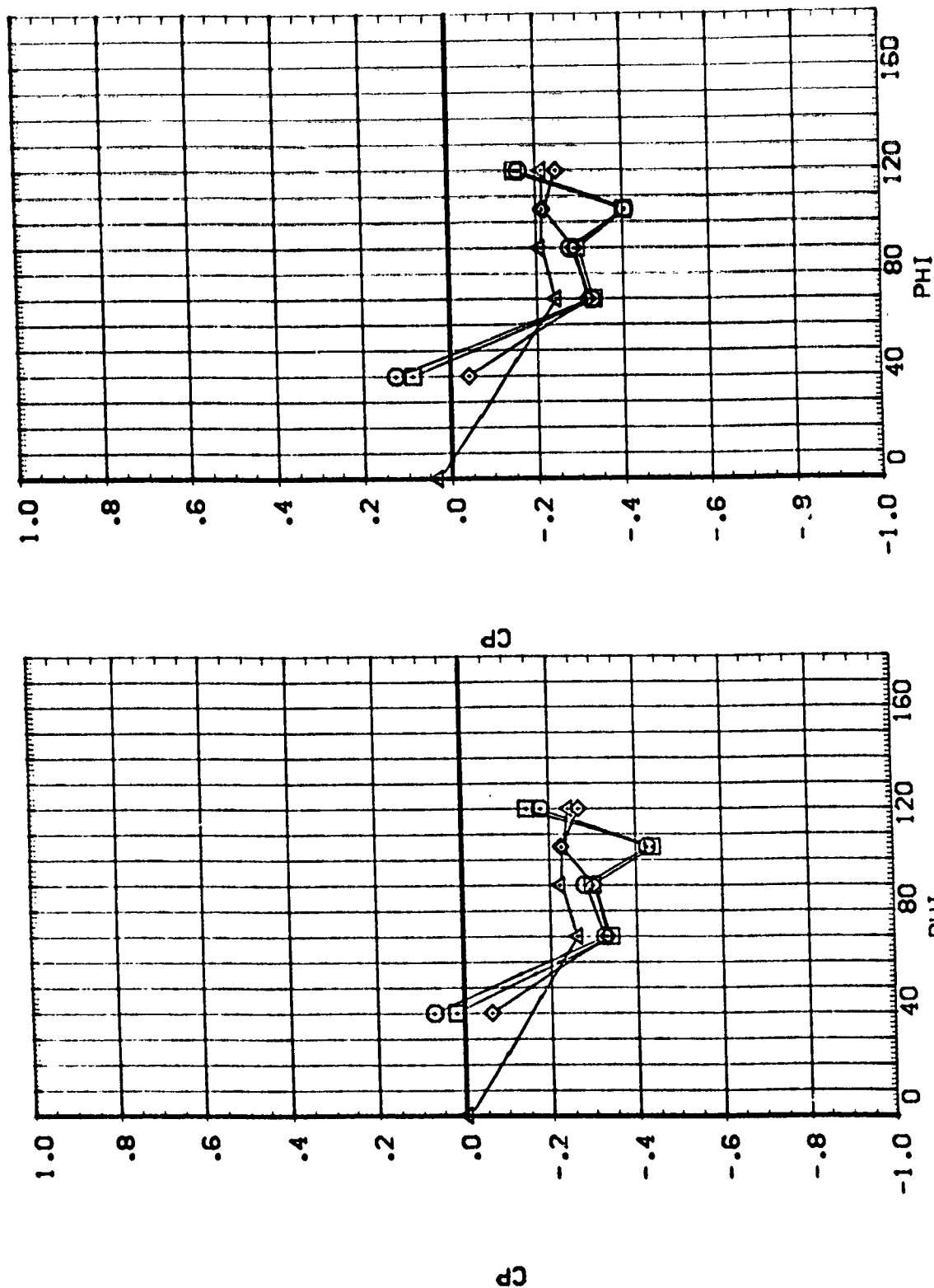


B:0C5D7M21 1487E18V5R5G: LEFT FUSELAGE

(RDLBC2)

PARAMETRIC VALUES  
ELEVTR 15.000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000

SYMBOL M/L ALPHA BETA  
O .878 2.030 .000  
□ .885 4.030  
◇ .976  
△ .964



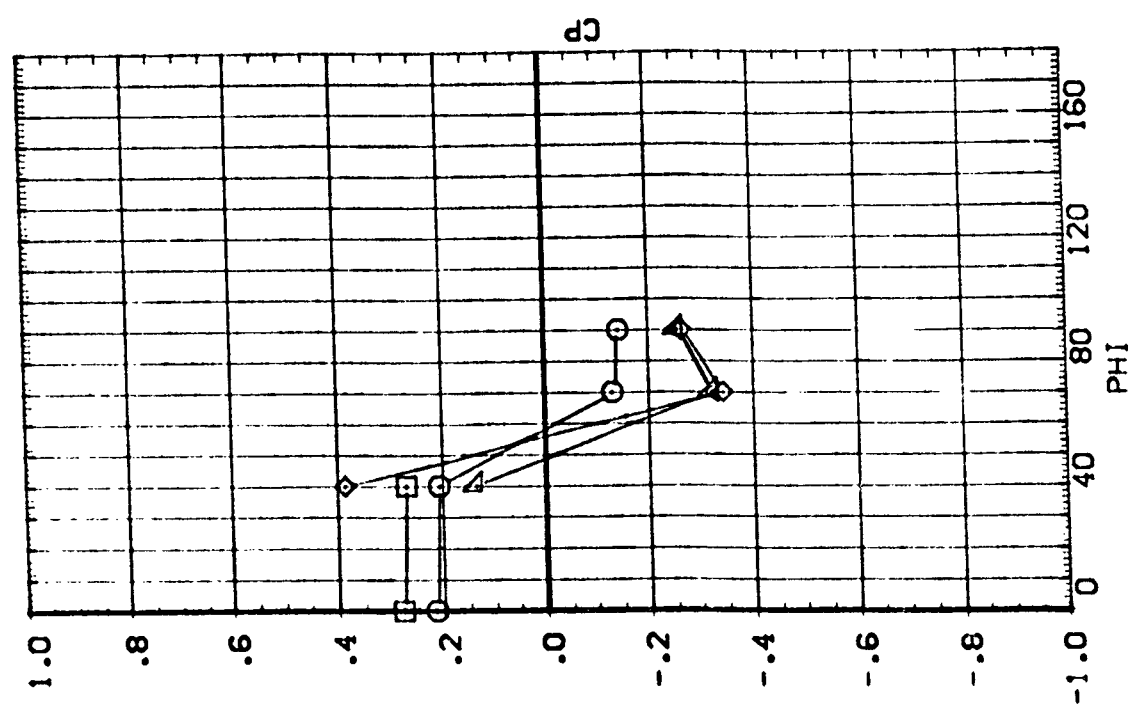
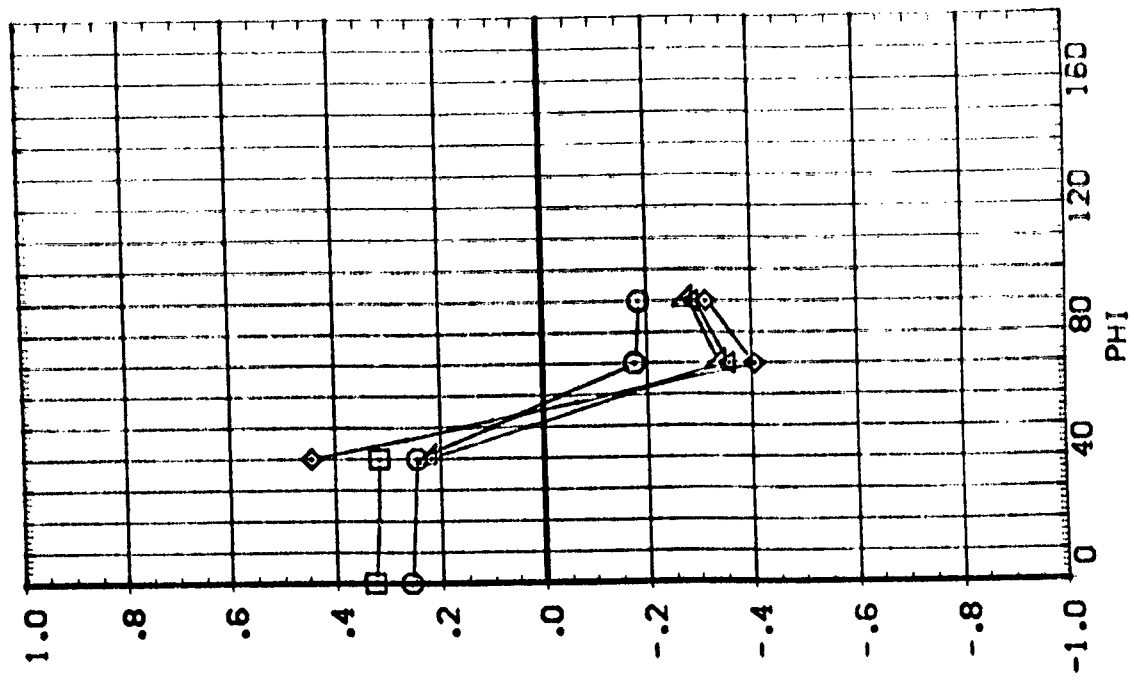
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+15 DEG., RUDDER = 0

(RDLB02)

3:00507M2F:187E18V5R5G: LEFT FUSELAGE

PARAMETRIC VALUES  
ELEVTR 15.000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000

SYNOPSIS  
0110471  
K/L ALPHA BETA  
.512 6.080 .010  
.587 8.110  
.663  
.738  
.787



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+15 DEG., RUDDER = 0

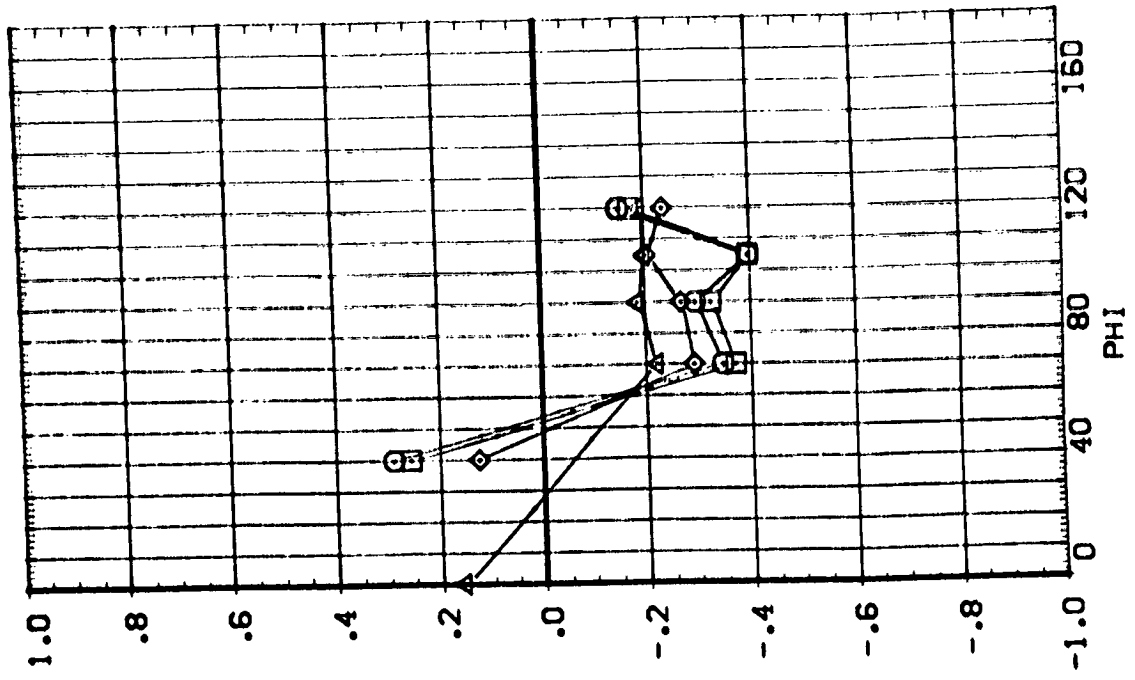
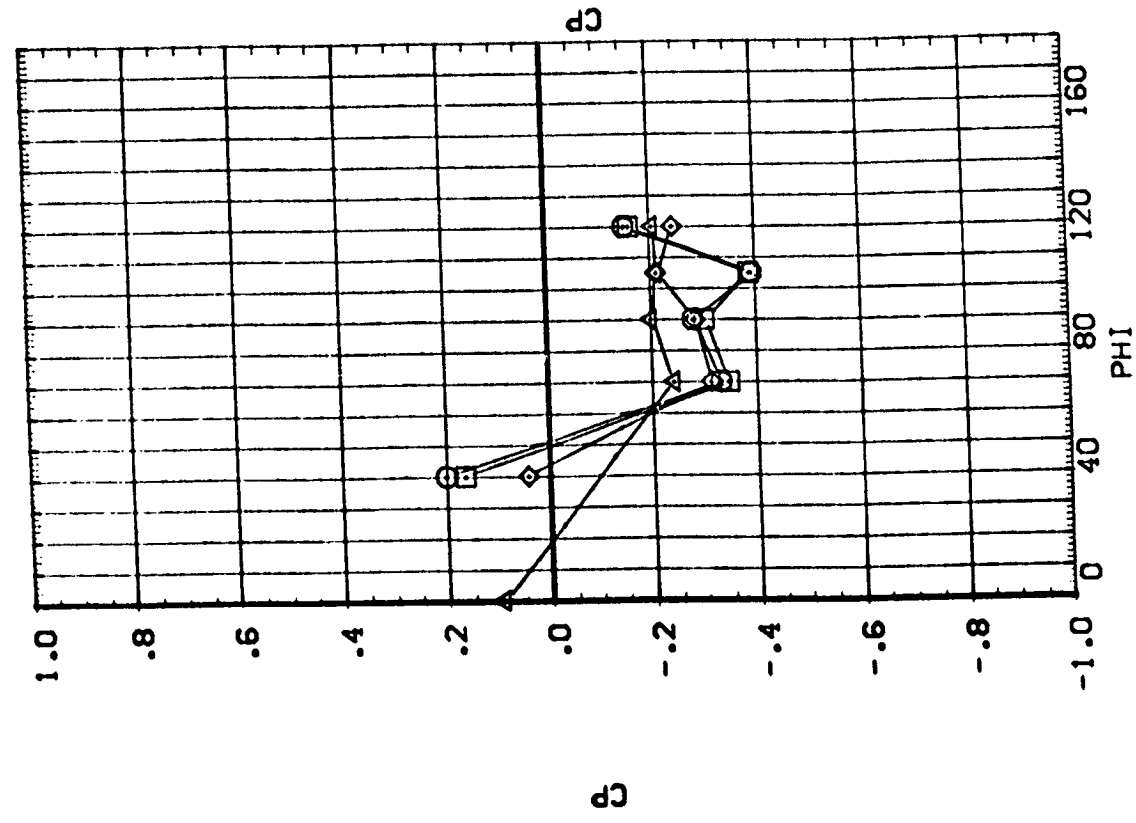


3:00507V2:187E:84595G: LEFT FUSELAGE

SYNCH X/L A/D/A BE/A  
 .878 6.08C .010  
 .885 8.11C  
 .926  
 .964

(RDLB02)

PARAMETRIC VALUES  
 ELEVTR 15.000 RUDDER .000  
 RJOFLR 40.000 FLAP -18.000



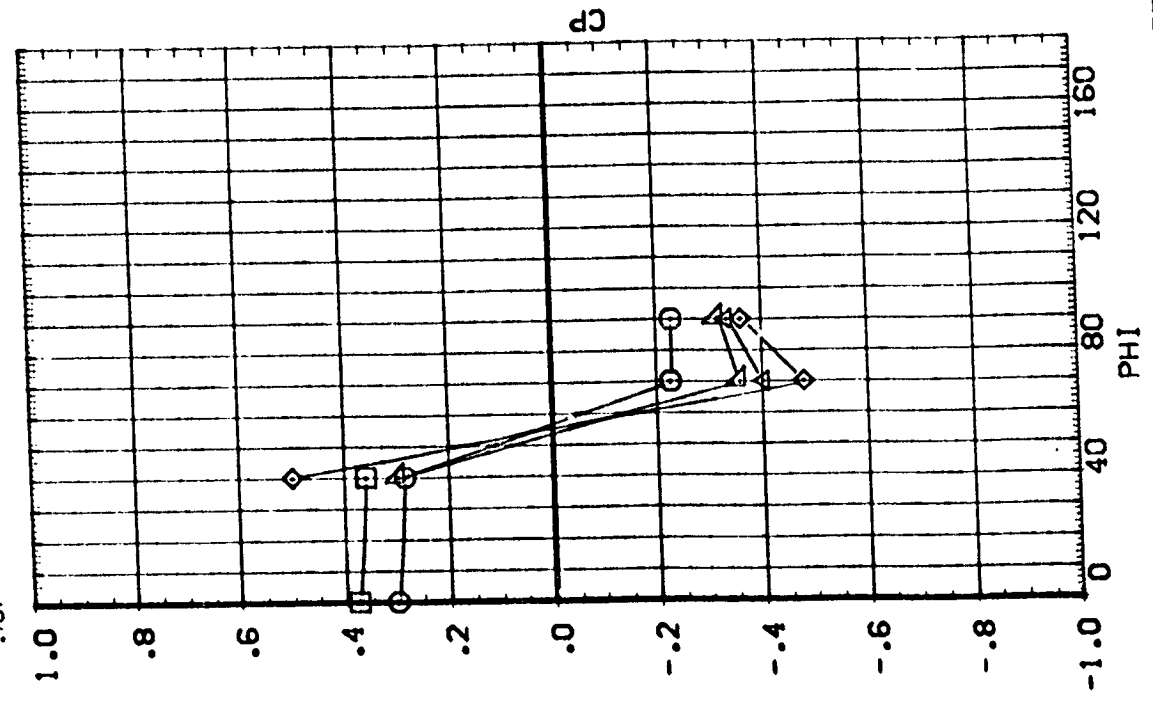
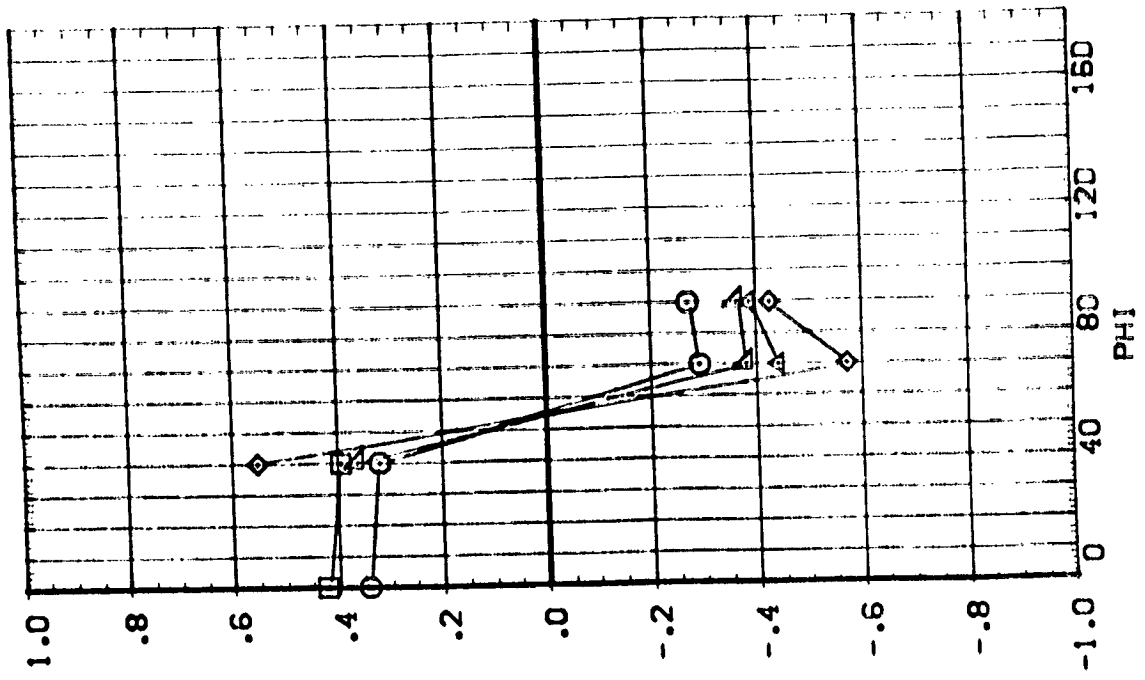
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR =+15 DEG., RUDDER = 0  
 PAGE 323

(R018C2)

B:00507M2F:W87E:8V5R55: LEFT FUSELAGE

PARAMETRIC VALUES  
 ELEV'R 15.000 RUDDER .000  
 RUDFLR 40.000 FLAP -18.000

SYMBOL X/L ALPHA BETA  
 .512  
 .587  
 .663  
 .738  
 .787



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEV'R =+15 DEG., RUDDER = 0  
 PAGE 324



(RDL802)

3:005072E1W87E18V5R5G: LEFT FUSELAGE

SYNCH  
X/-  
0110  
◇  
◇  
◇  
◇

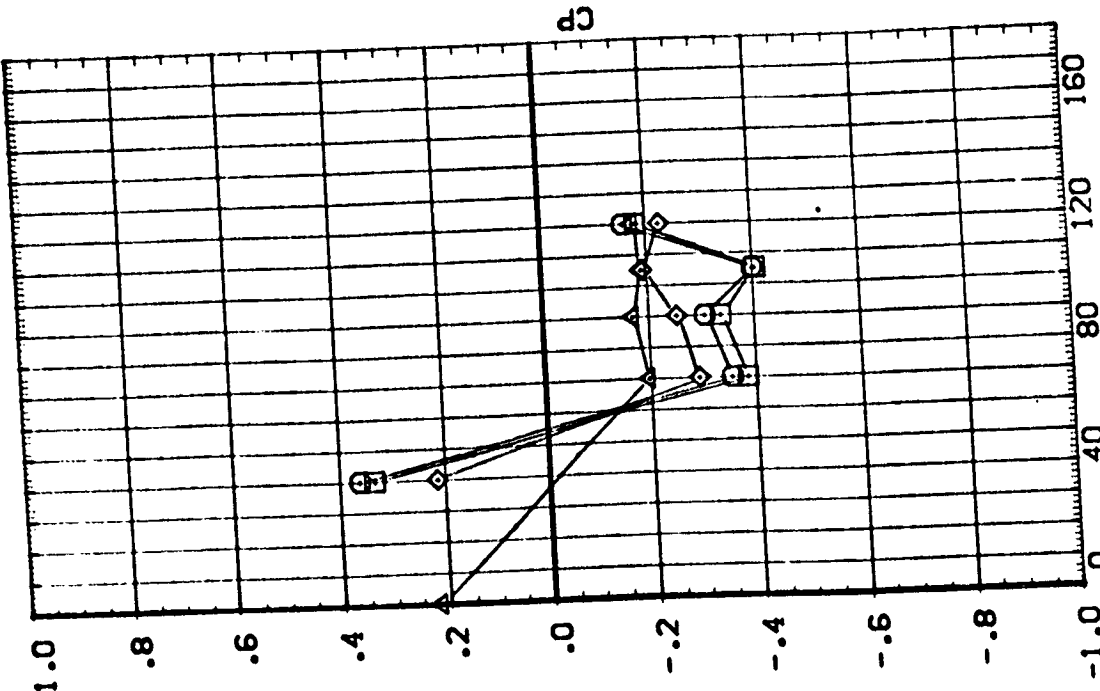
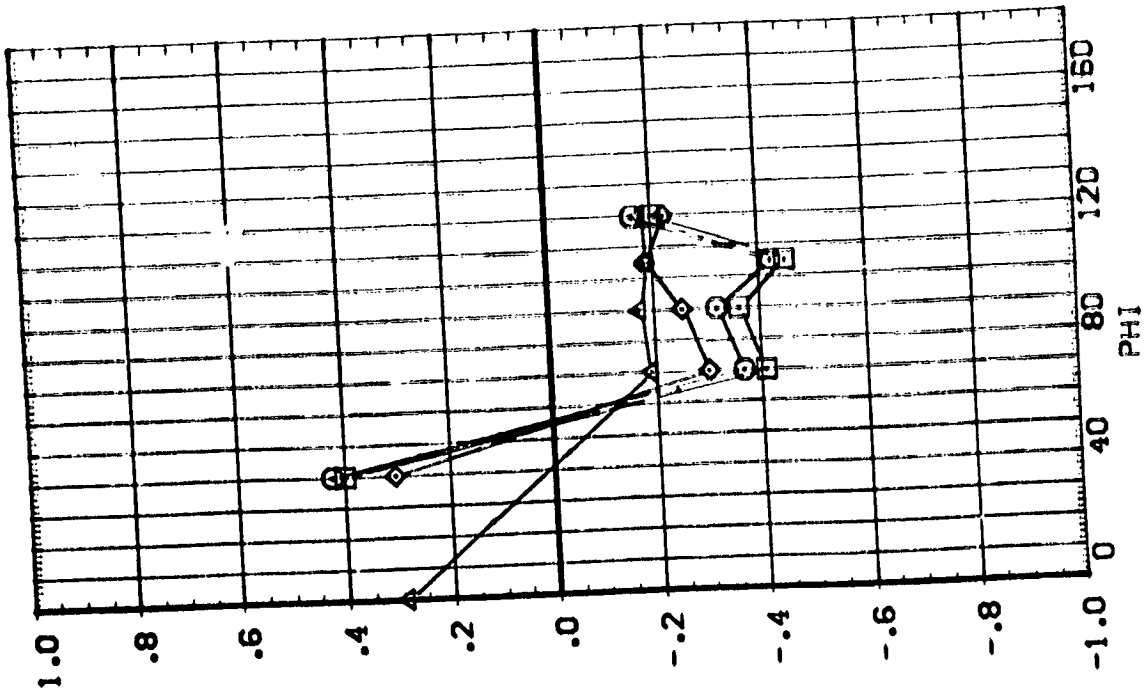
.828  
.885  
.976  
.964

A. PMA  
13.170  
17.703

BEYA  
.000

PARAMETRIC VALUES  
ELEVTR 15.000  
RUDDER 40.000  
FLAP -18.000

.000  
-18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR =+15 DEG., RUDDER = 0  
PAGE 325

B:0050727:187E:8/5R50: LEFT FUSELAGE

(PDLB02)

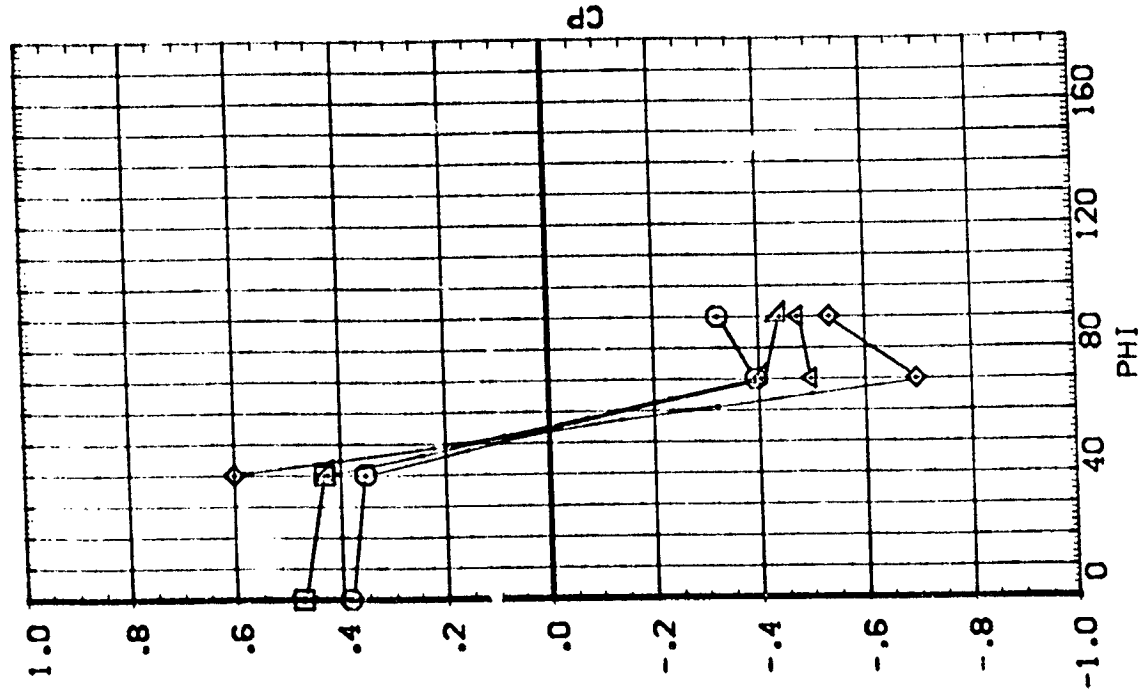
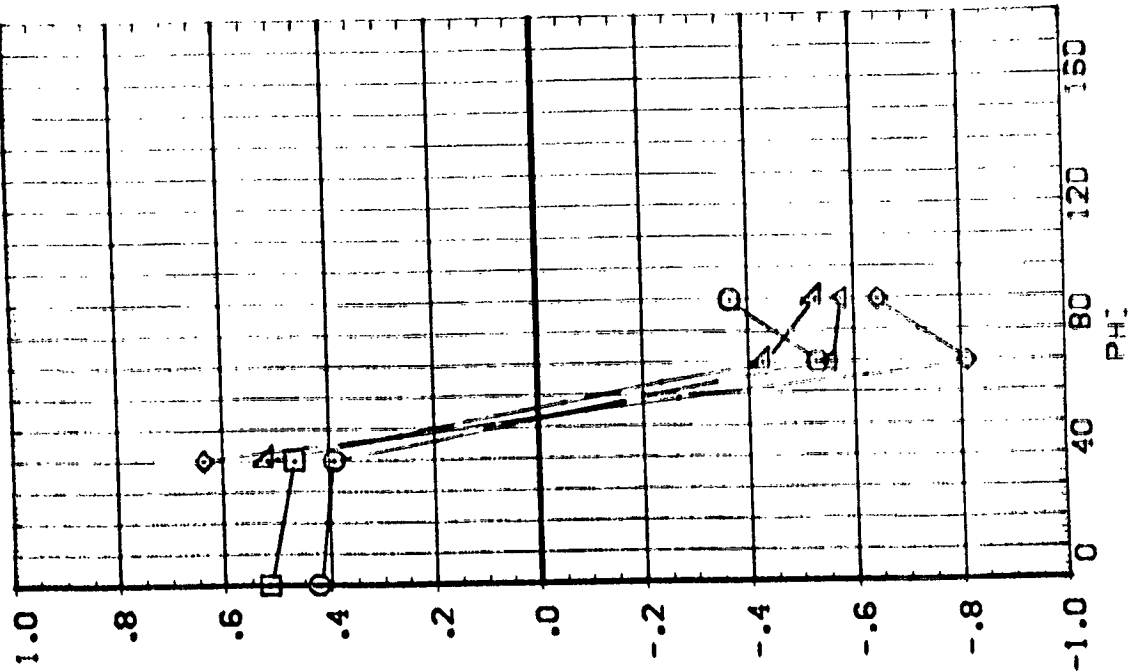
SYMBOL

X/L  
 .512  
 .587  
 .663  
 .738  
 .787

A.P.A  
 14.240  
 16.230

BETA  
 .000

PLANE NO. VALUES  
 ELEVTR 15.000 RUDDER .000  
 POSR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =15 DEG., RUDDER = 0  
 PAGE 305

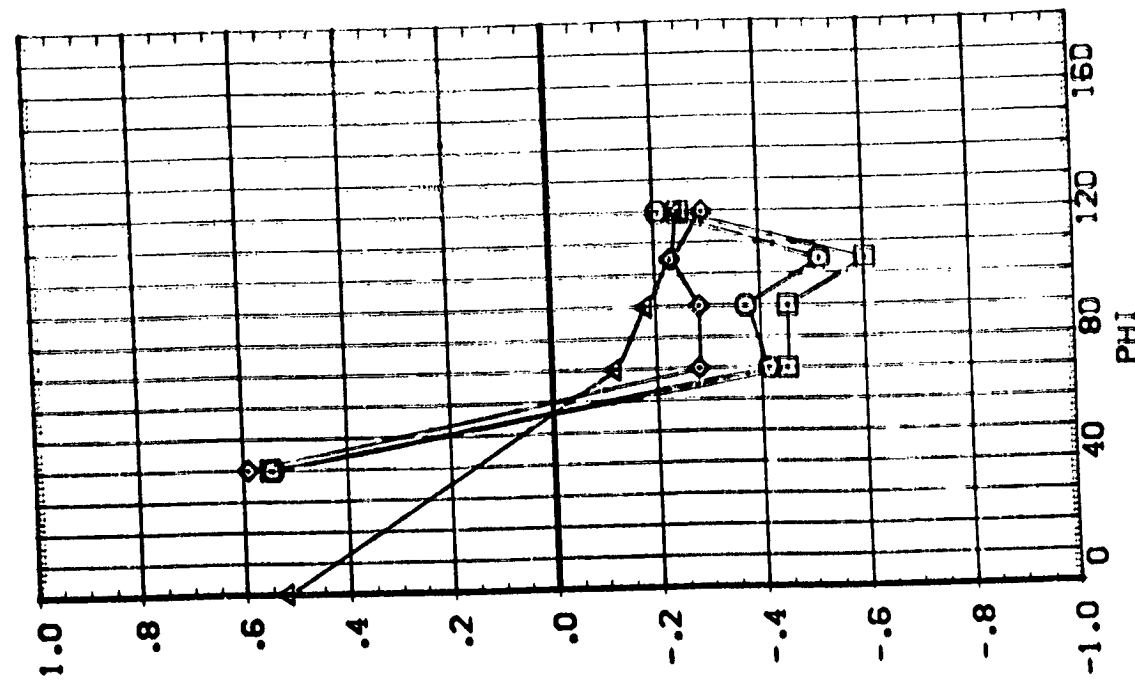
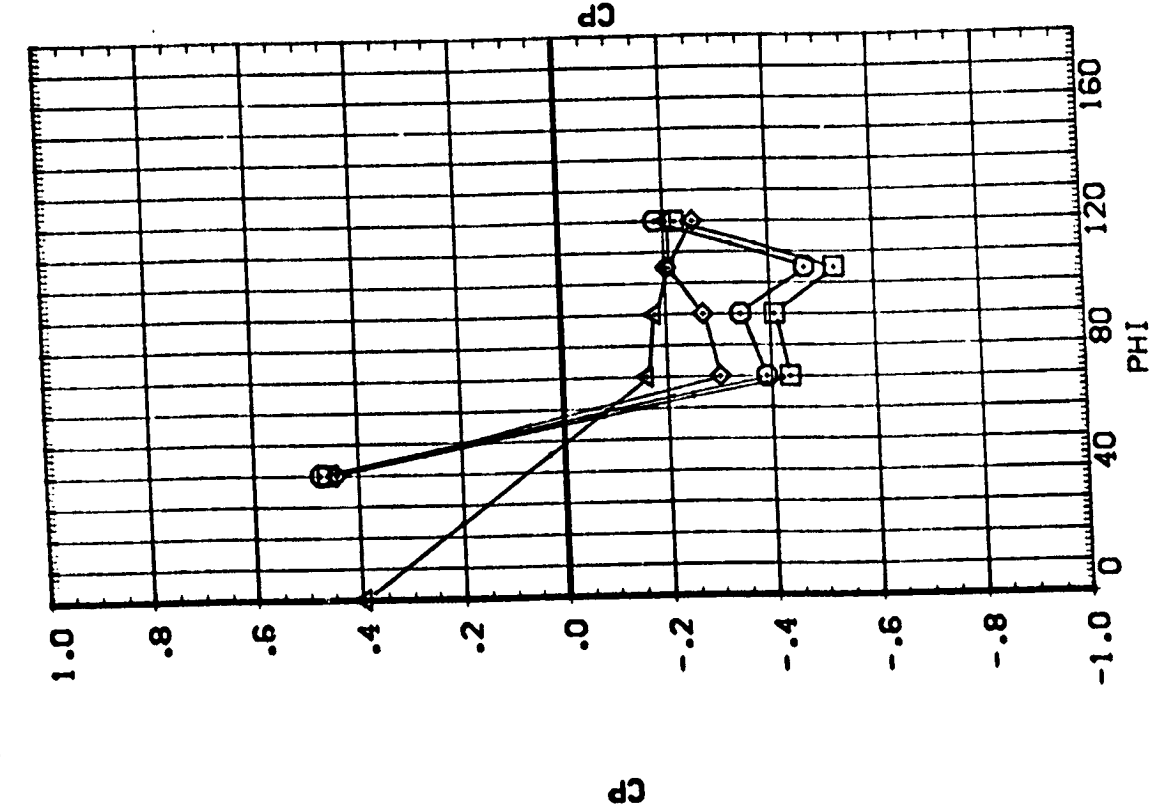


3100507M2F1W87E18V5R5G: LEFT FUSELAGE

(RDLBC2)

PARAMETRIC VALUES  
ELEVTR 15.000 RUDDER .000  
RJFLR 40.000 FLAP -18.000

SYMBG. X/L ALPHA BETA  
◇ .828 14.740 .000  
□ .885 16.230  
○ .926  
△ .954



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+15 DEG., RUDDER = 0





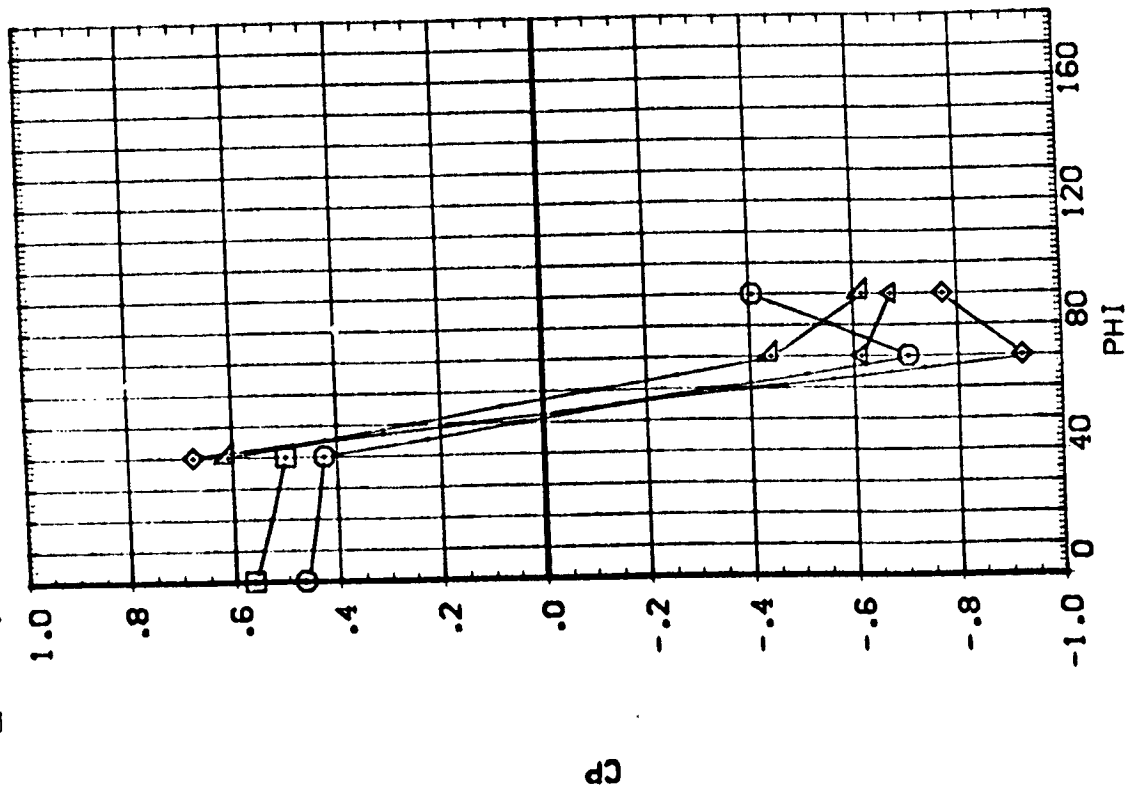
3:005072F:W87E:8VSR5G: LEFT FUSELAGE

(RDL802)

SYNCH  
0.10447

X/L ALPHA BETA  
.512 :8.300 .000  
.587  
.663  
.738  
.787

PARAMETRIC VALUES  
ELEVTR 15.000 RUDDER .000  
RFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+15 DEG., RUDDER = 0  
PAGE 328



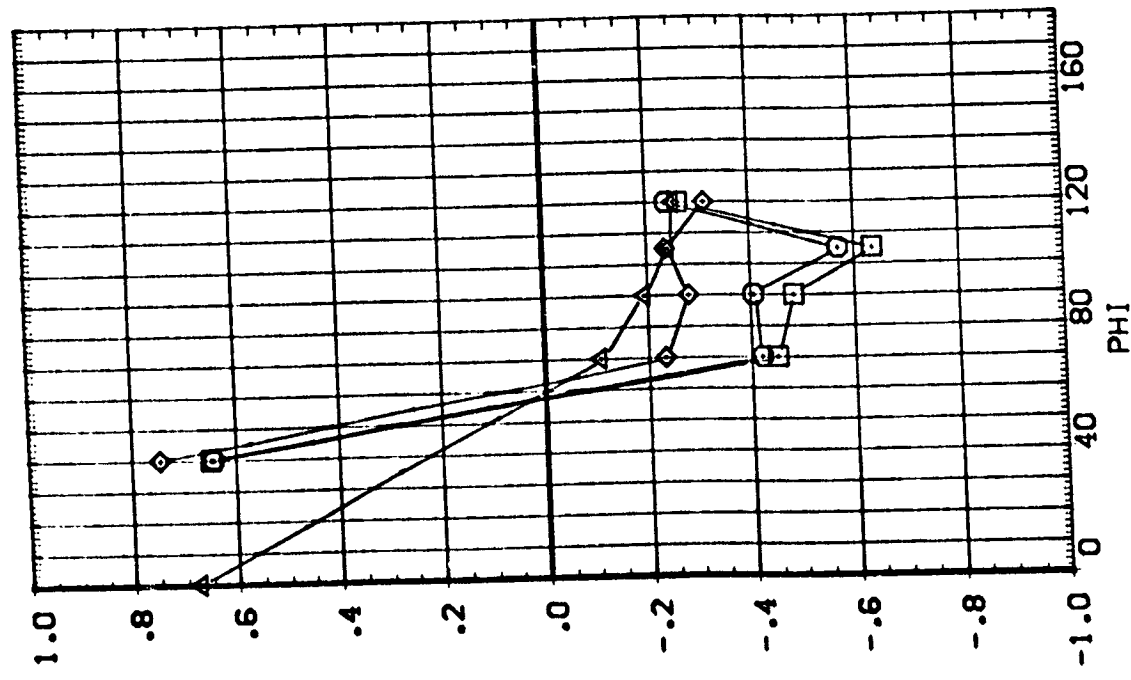
B:CCSD7\*2F:W87E:8VSR5G: LEFT FUSELAGE

(RDLB02)

PARAMETRIC VALUES  
 15.000 RUDDER .000  
 40.000 FLAP -18.000

ALPHA BETA  
 :8.300 .000

SYMBOL X/L  
 .828  
 .885  
 .926  
 .954



85

RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+15 DEG., RUDDER = 0  
 PAGE 329

(RDLB03)

LEFT FUSELAGE

3:00557V2F:W87E16

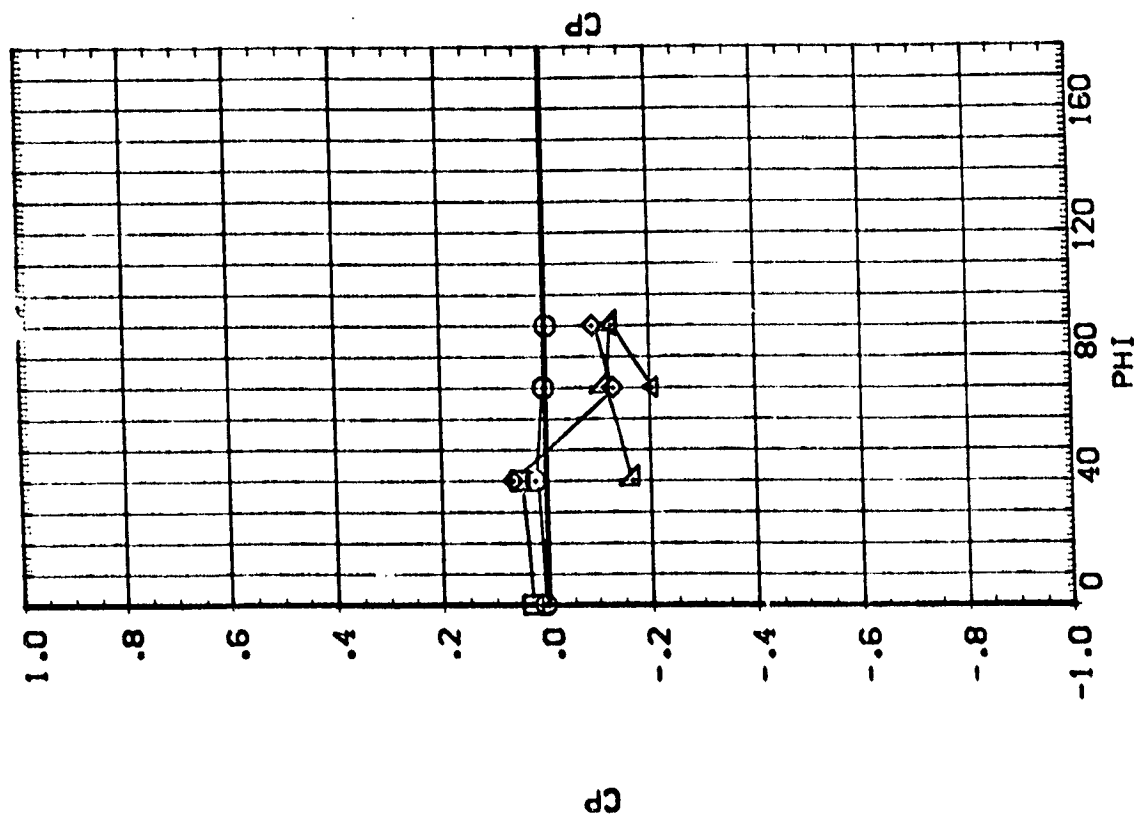
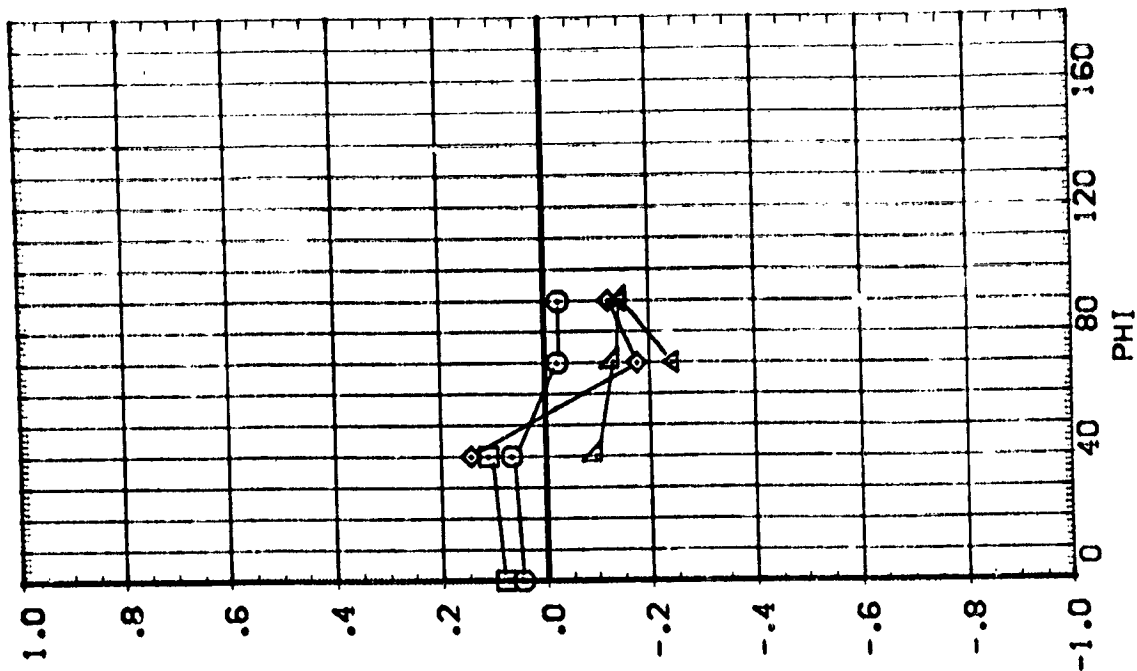
SYMBOL

X/L  
.512  
.587  
.663  
.738  
.787

ALPHA  
-3.540  
-1.000

BETA  
.000

PARAMETRIC VALUES  
ELEVTR 10.000 RUDDER .000  
RUOFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG., RUDDER = 0



3:00507M2F1W87E18VSR5G: LEFT FUSELAGE

SYMBOL  
○  
◇  
△

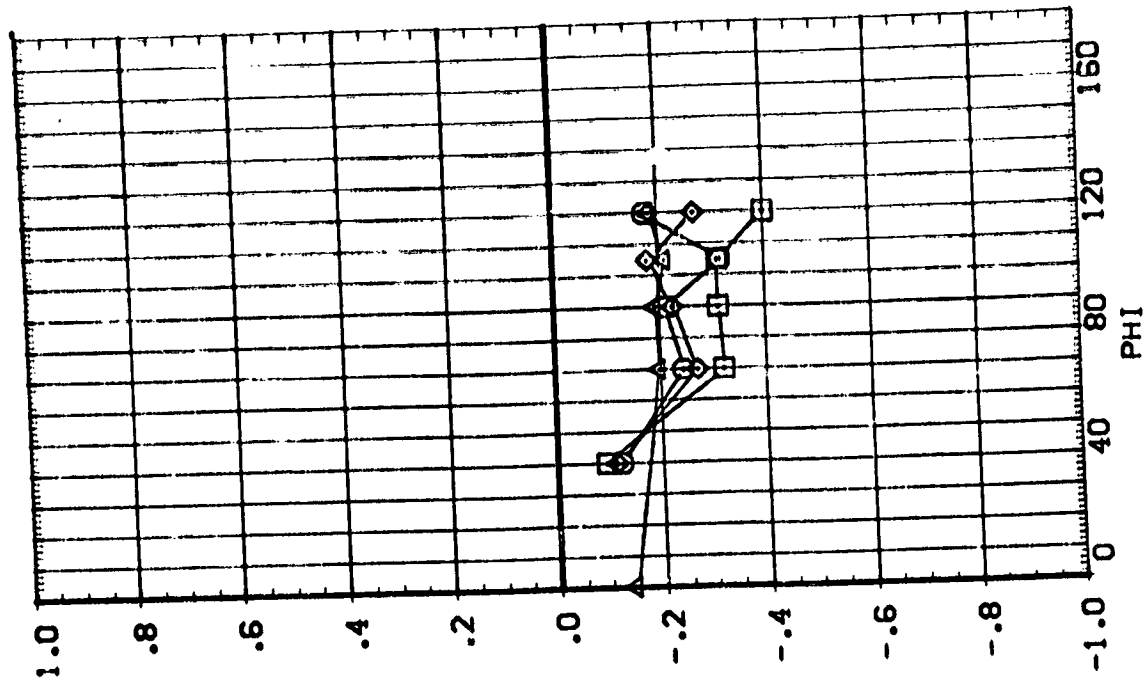
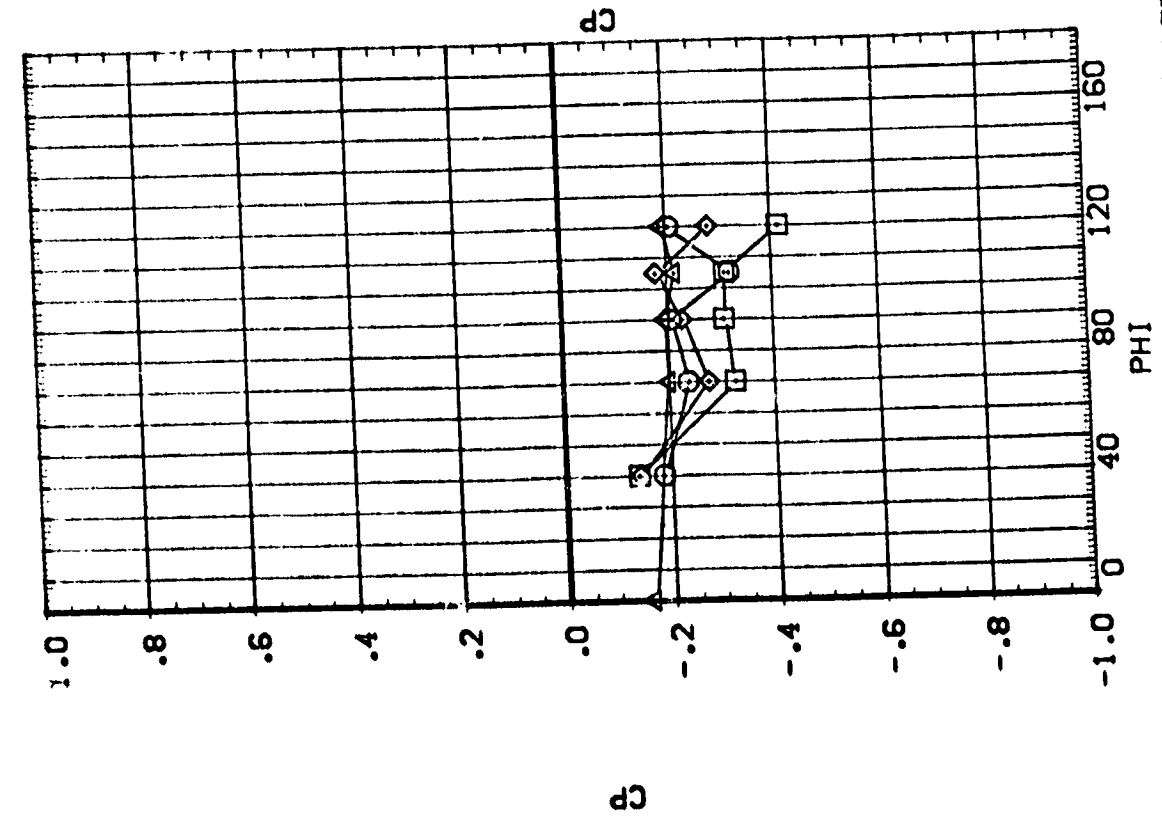
X%  
.828  
.885  
.926  
.954

ALPHA  
-3.040  
-1.000

BE TA  
.000

(RDLB03)

PARAMETRIC VALUES  
ELEVTR 10.000 RUDDEP .000  
RUDFLR 40.000 FLAP -10.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG., RUDDER = 0

B:00507V2F:1487518VRS01 LEFT FUSELAGE

(R0LB03)

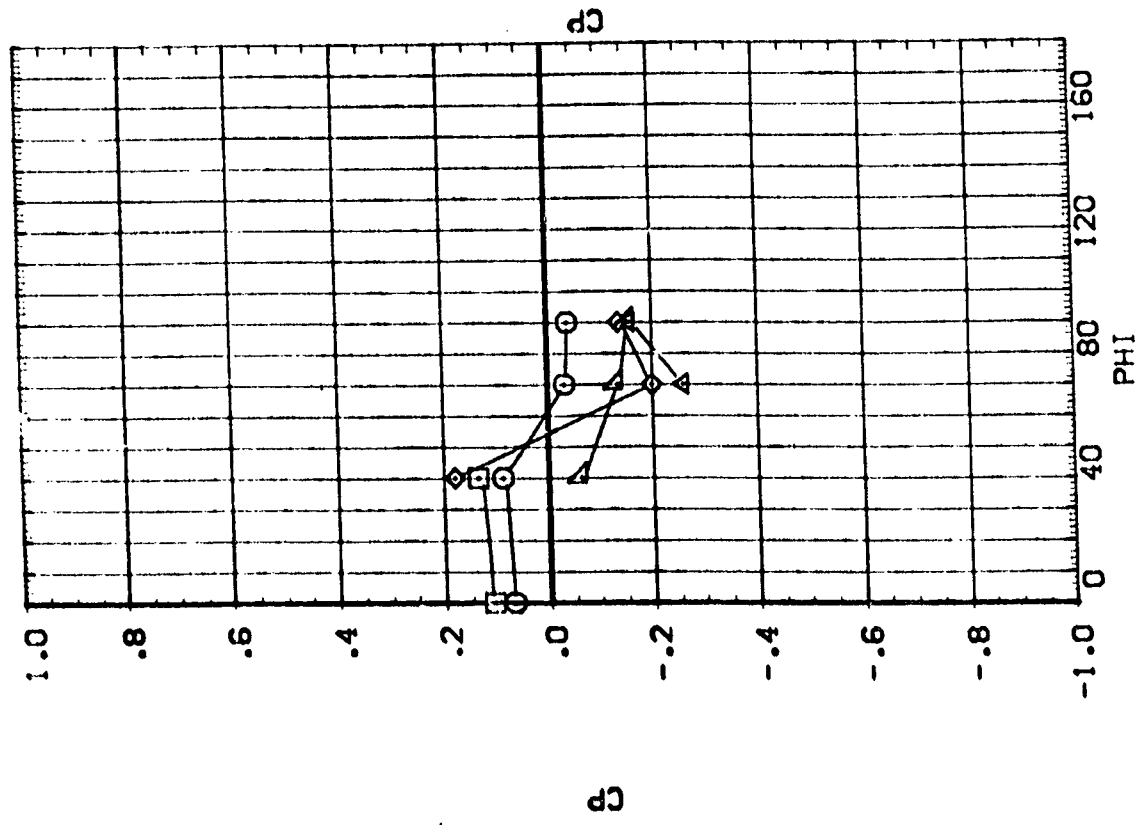
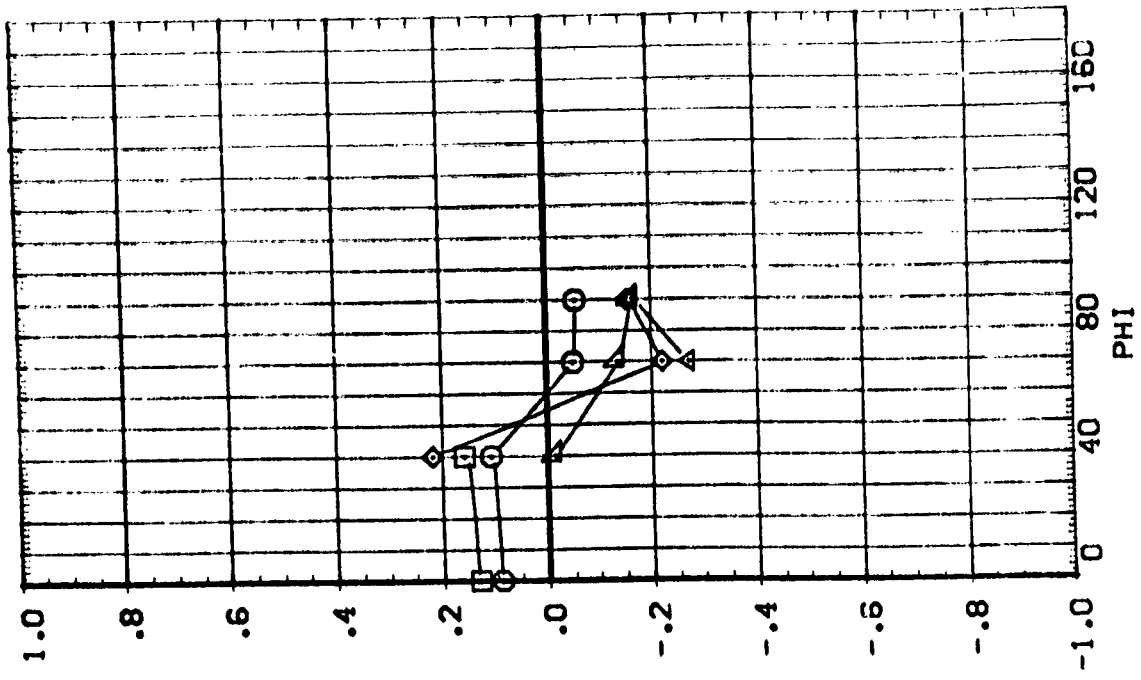
SYNCH  
011047

X/L  
.512  
.587  
.663  
.738  
.787

A/D-A  
.010  
.990

BETA  
.000

PARAMETRIC VALUES  
ELEVTR 10.000 RUDDER .00  
RUOFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG., RUDDER = 0

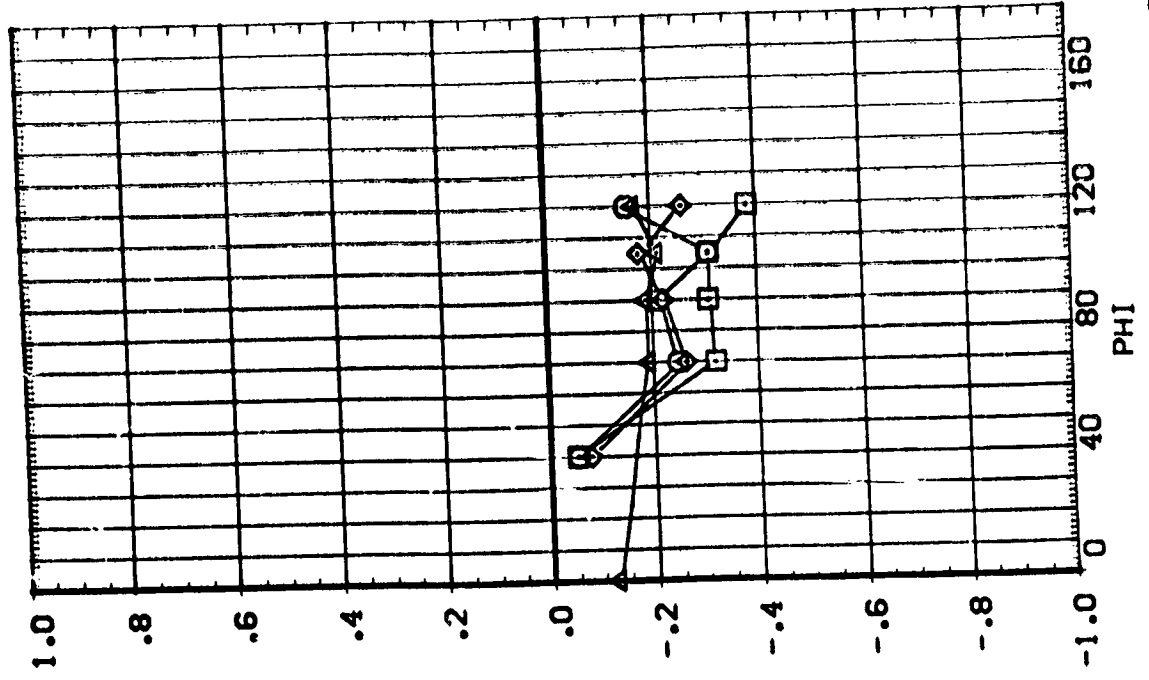
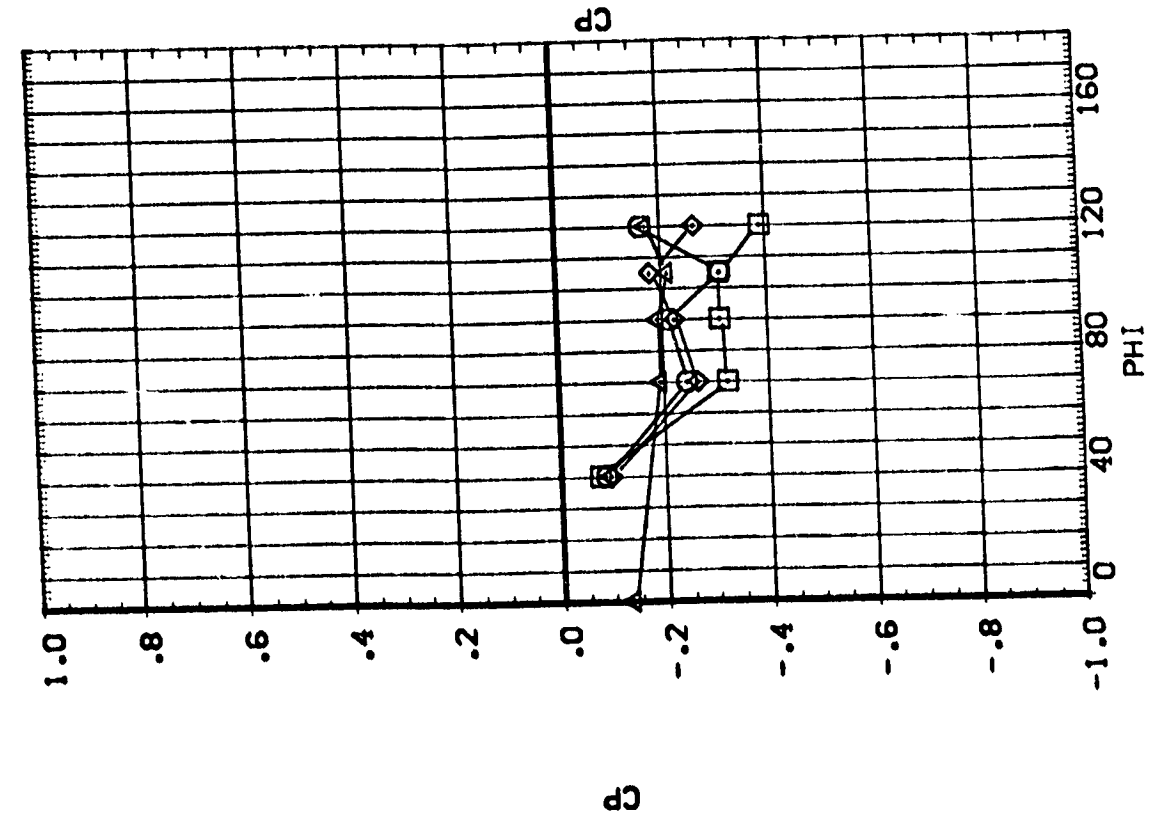


B:0C5D7M2F:W87E:8V5R5G1 LEFT FUSELAGE

(RDL803)

SYMC. X/L ALPHA BE" A  
 .928 .000  
 .885 .000  
 .926 .000  
 .964 .000

PARAMETRIC VALUES  
 10.000 RUDDER .000  
 40.000 FLAP -.8.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG., RUDDER = 0  
 PAGE 333

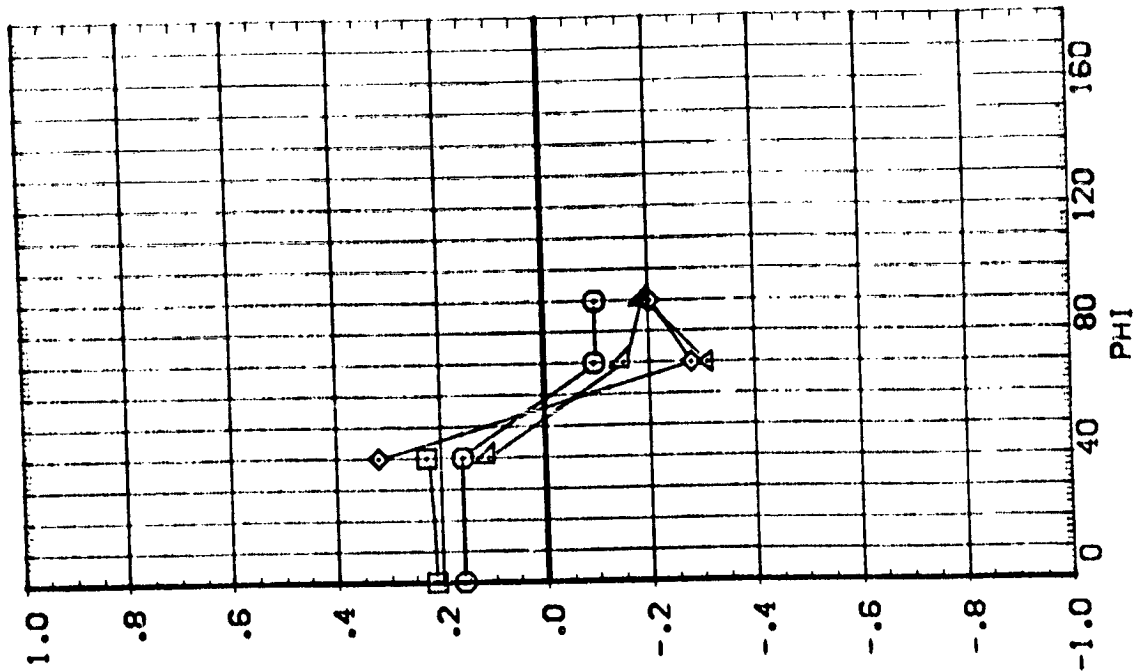
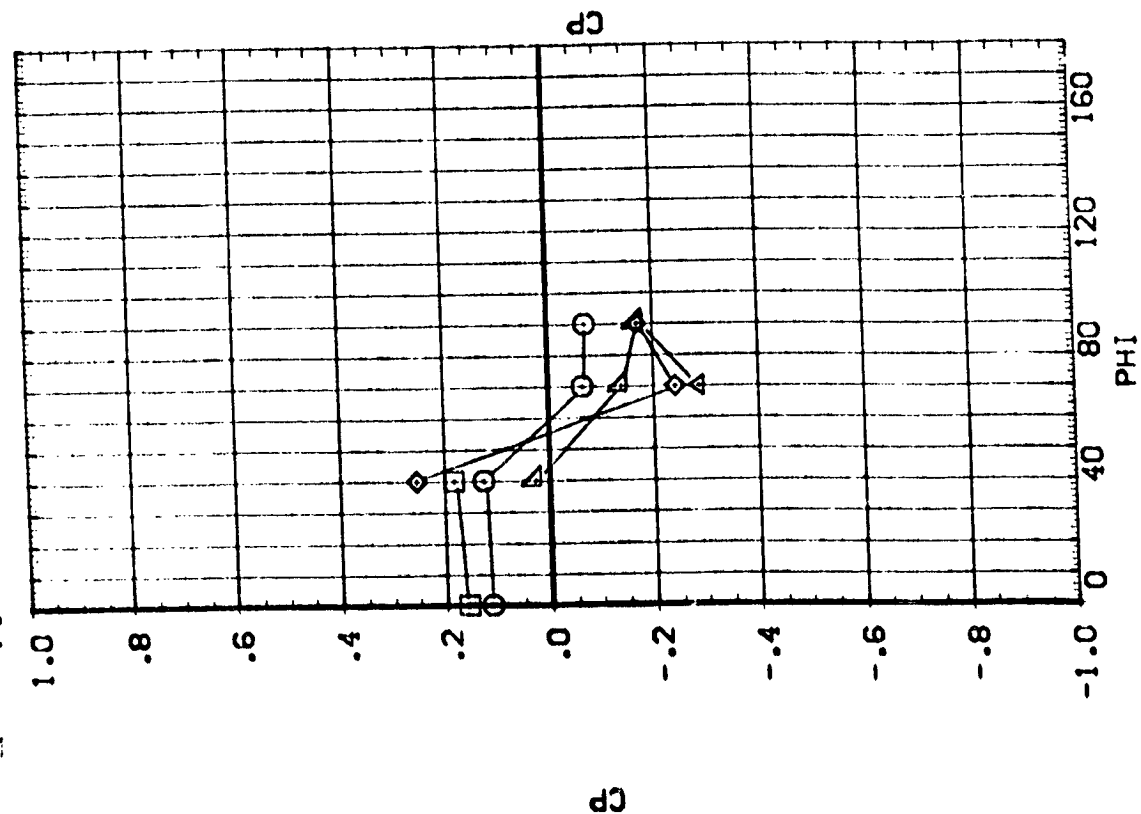
3:0050742: 1.87E18 V5R53: LEFT FUSELAGE

(RD\_803)

SYNDC. X/L  
 .512  
 .587  
 .663  
 .738  
 .787

A/D-A BETA  
 2.03C .000  
 4.03C

PARAMETRIC VALUES  
 ELEVTR 10.000 RUDDER .000  
 RUDDLR 40.000 FLAP -19.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG., RUDDER = 0

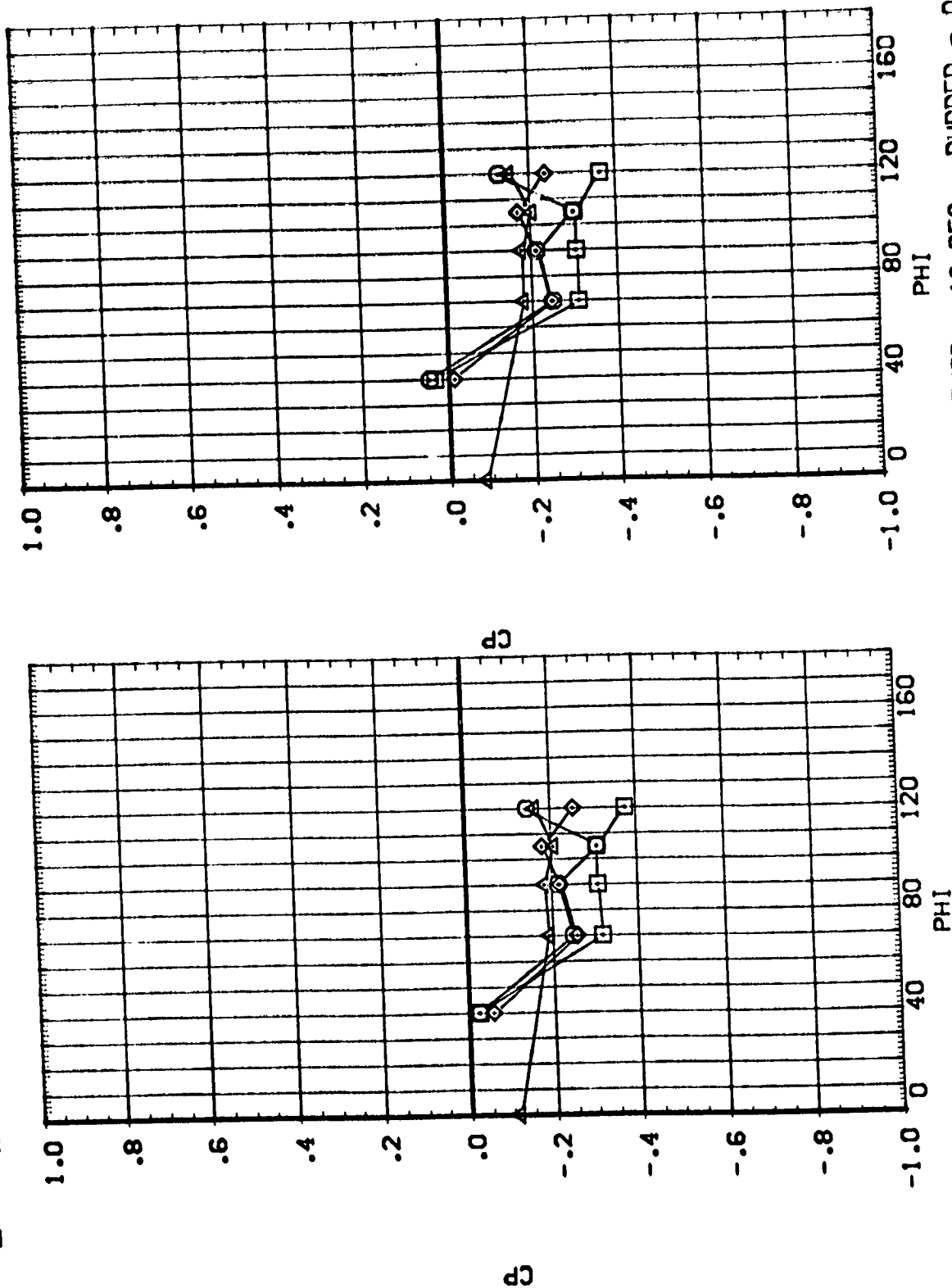


B:00507M2F1W87E18VSR5G1 LEFT FUSELAGE

(RDLB03)

SYMBOL X/L A/P-H BETA  
 O .828 2.030 .000  
 □ .885 4.030  
 ◇ .926  
 △ .554

PARAMETRIC VALUES  
 ELEVTR 10.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG., RUDDER = 0



3:00507M2F:187E:18/5R5G: LEFT FUSELAGE

(RDLB03)

SYSC.  $\alpha$   $\beta$   $\gamma$   $\delta$   $\epsilon$   $\zeta$   $\eta$   $\theta$   $\iota$   $\kappa$   $\lambda$   $\mu$   $\nu$   $\xi$   $\omicron$   $\pi$   $\rho$   $\sigma$   $\tau$   $\upsilon$   $\phi$   $\chi$   $\psi$   $\omega$   $\delta$   $\delta$

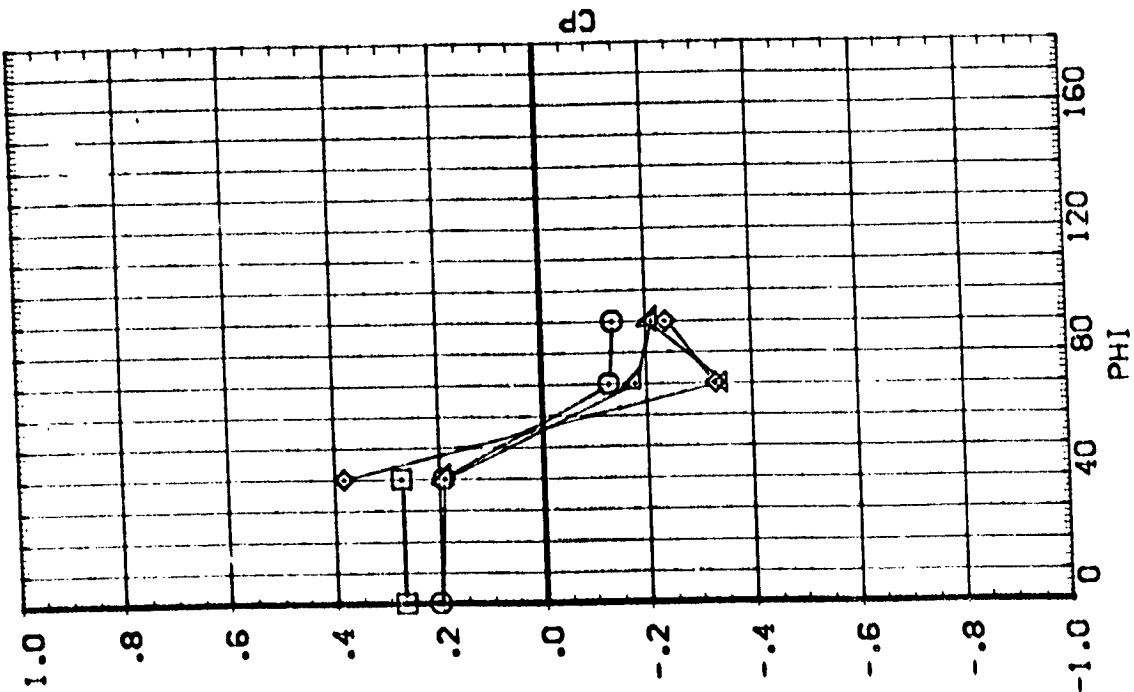
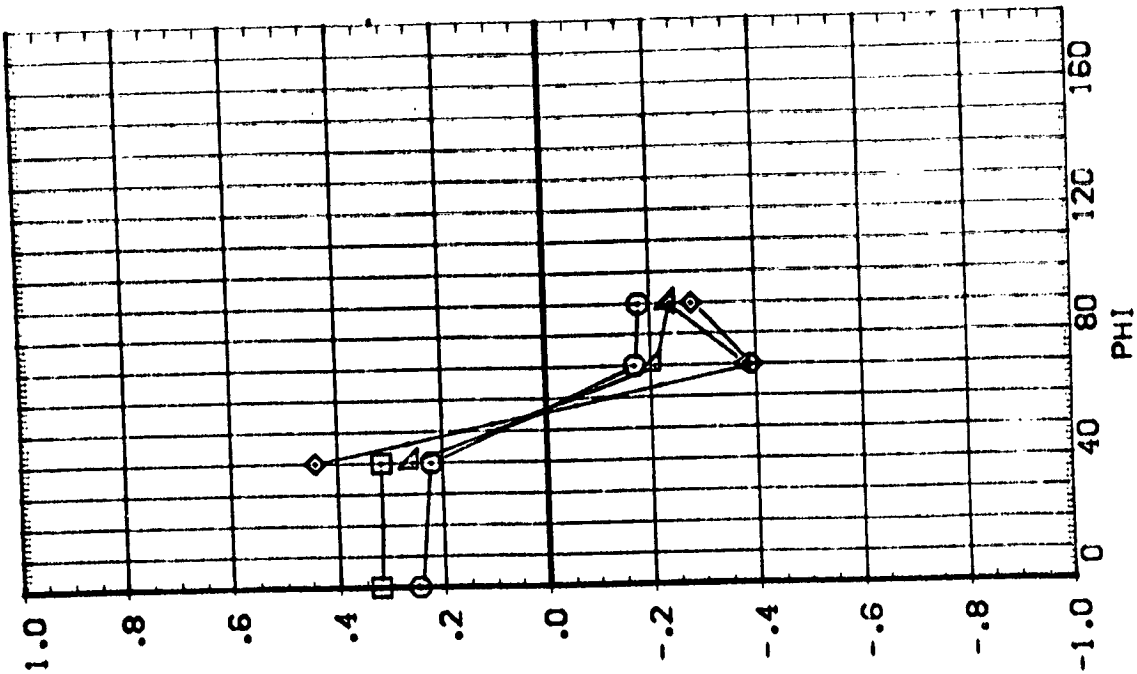
ALPHA BETA

.010

5.08C 8.11C

.512 .587 .663 .738 .787

PARAMETRIC VALUES  
ELEVTR :0.00C RUDDER .00C  
RUDFLR 40.00C FLAP -18.00C



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG., RUDDER = 0

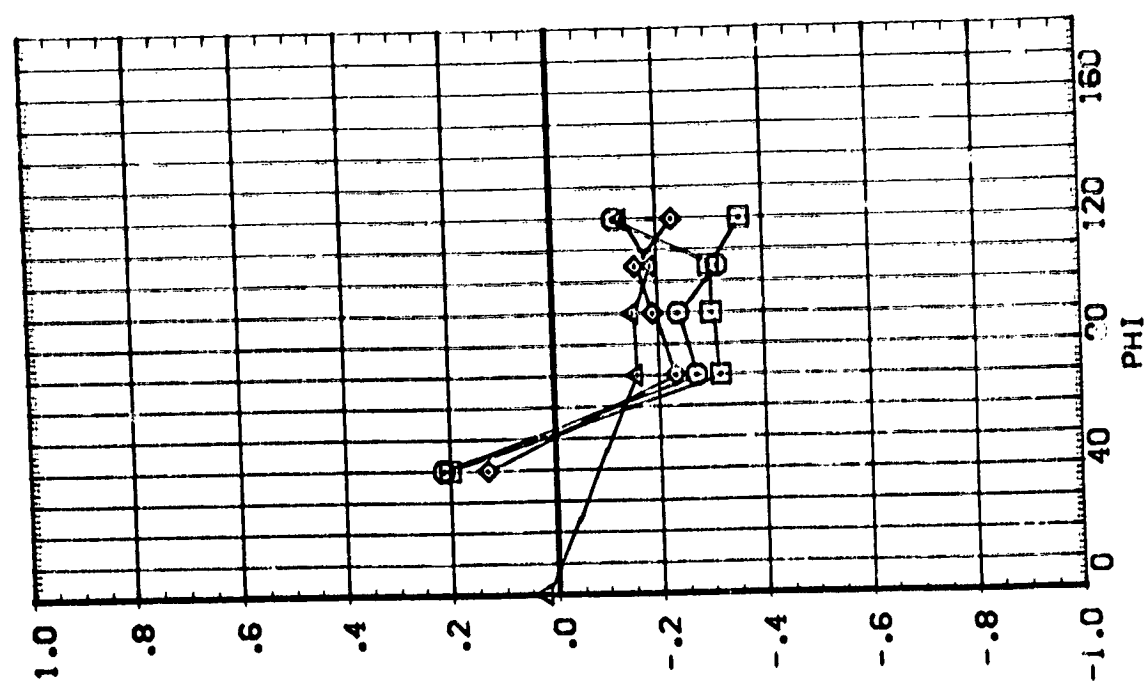
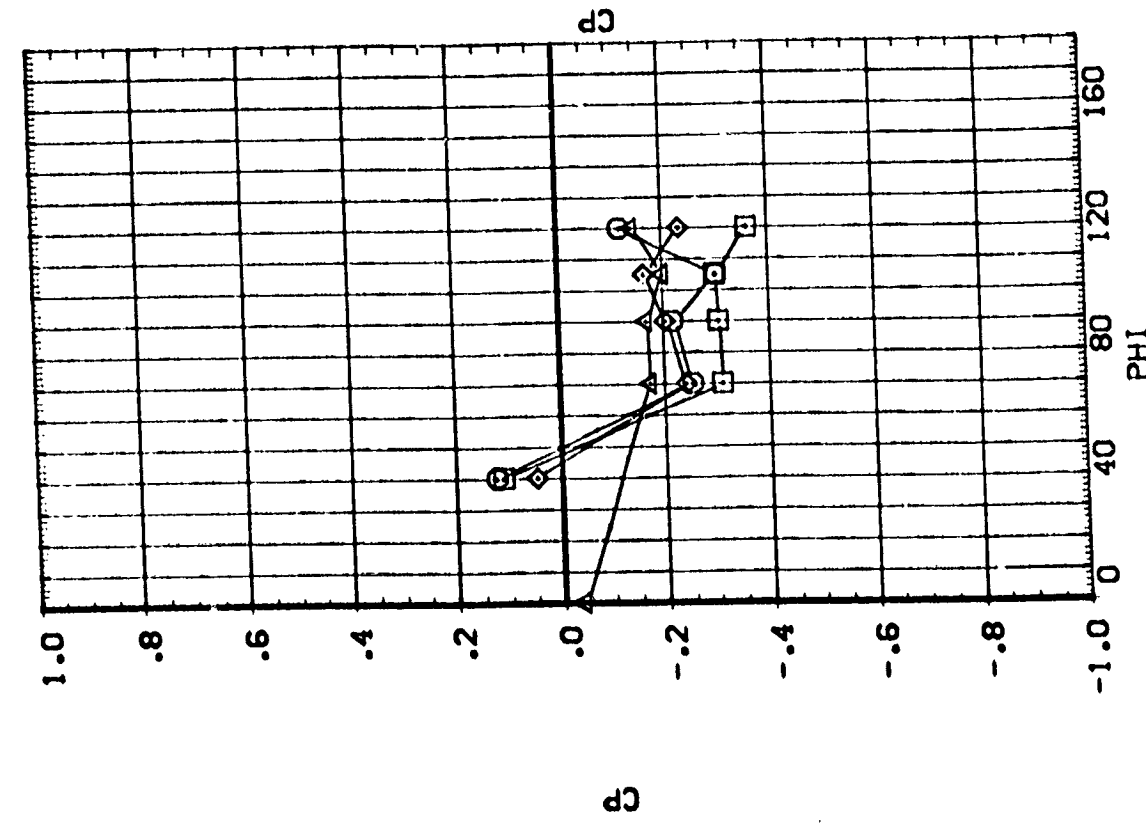


B10053742: 187F18VSR5G: LEFT FUSELAGE

(RDLB03)

S<sup>2</sup>3Q  
 X/L  
 .828  
 .885  
 .926  
 .964  
 ALPHA  
 6.080  
 8.110  
 BETA  
 .010

PARAMETRIC VALUES  
 ELEVTR 10.000 RUDDER .000  
 RFLR 40.000 FLAP -18.000



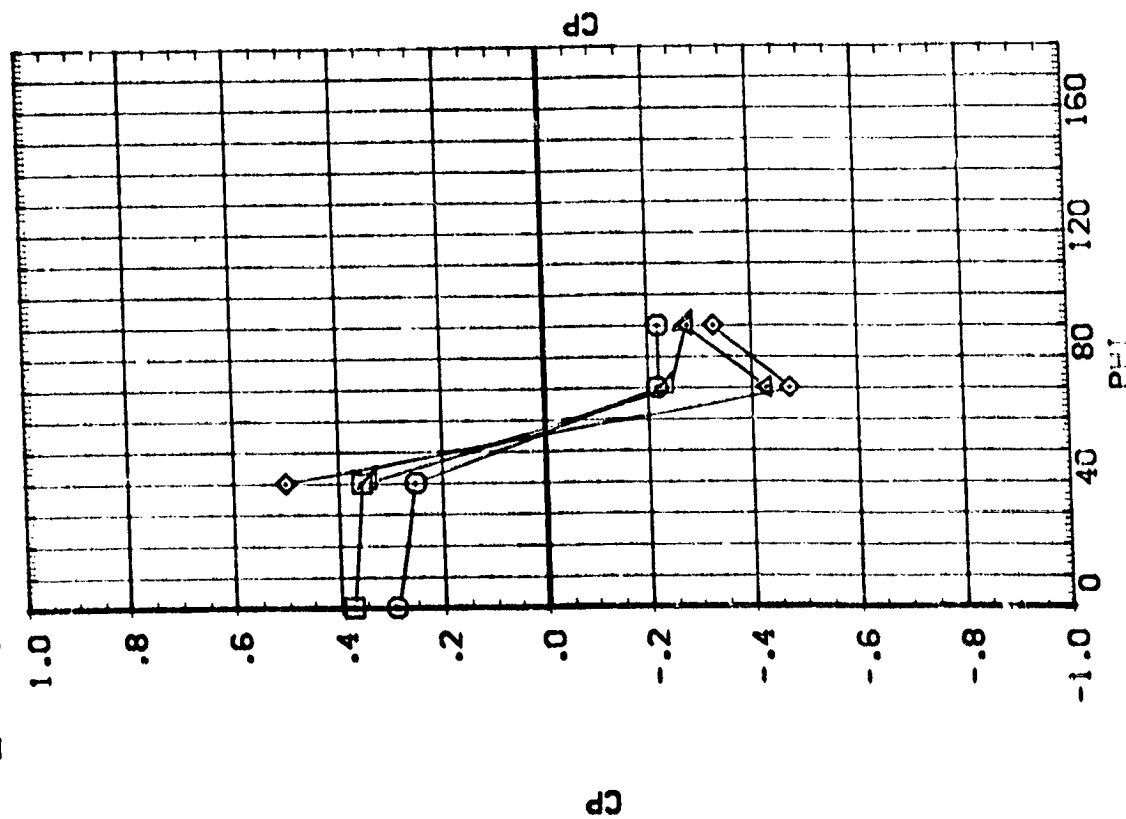
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG., RUDDER = 0

3:00507M2F:187E18V5R5G: LEFT FUSELAGE

(ROL903)

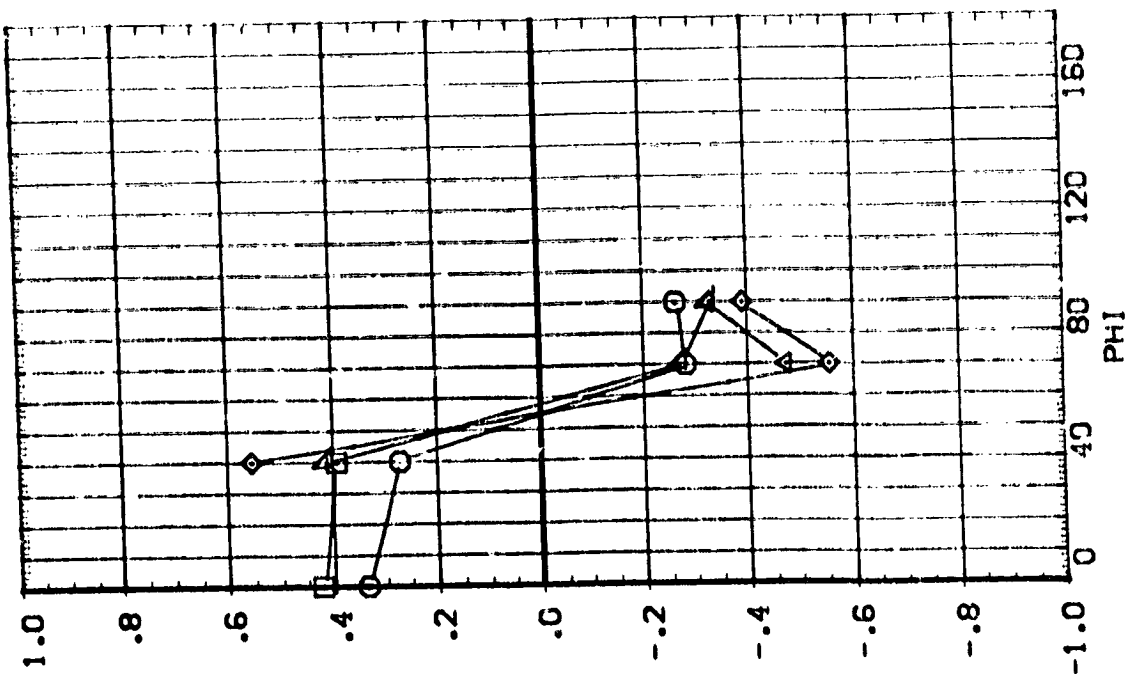
SYMBOL  
O I D A

ALPHA BETA  
10.120 .000  
12.200  
512  
.597  
.663  
.738  
.787



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR =+10 DEG., RUDDER = 0

PARAMETRIC VALUES  
ELEVTR 10.000 RUDDER .000  
RUFUR 40.000 FLAP -18.000



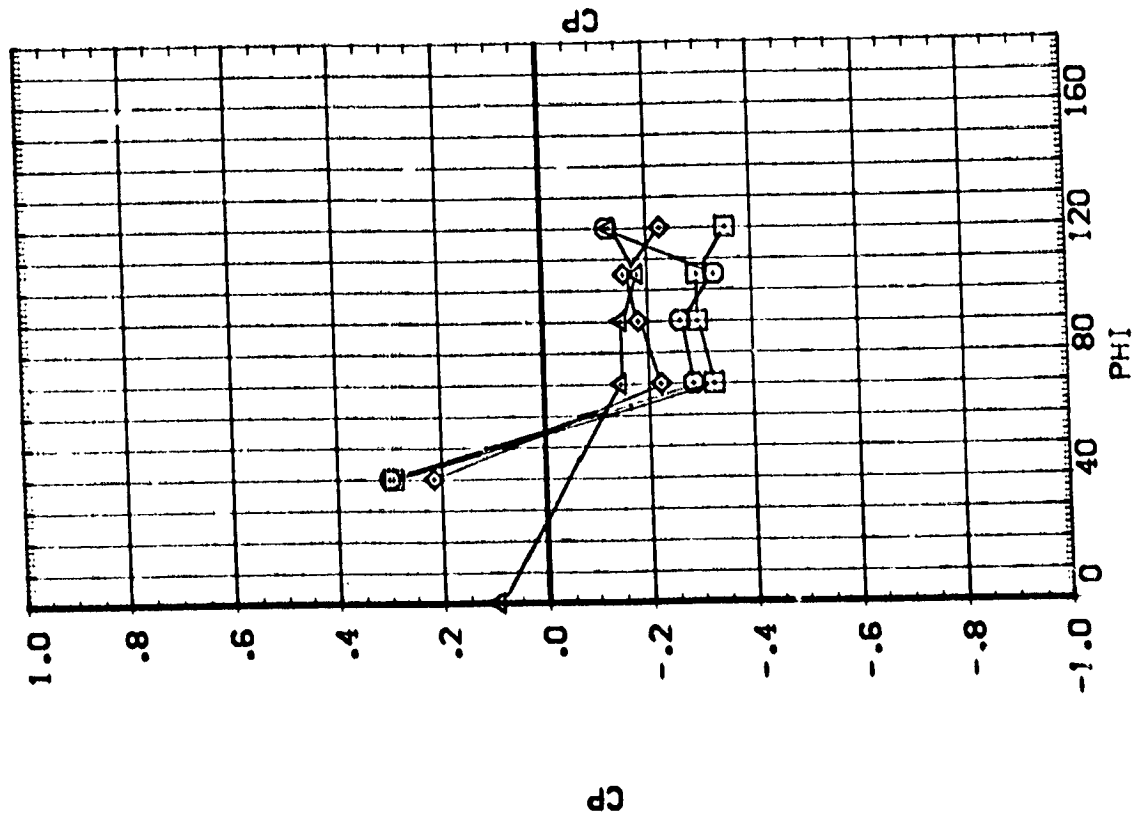
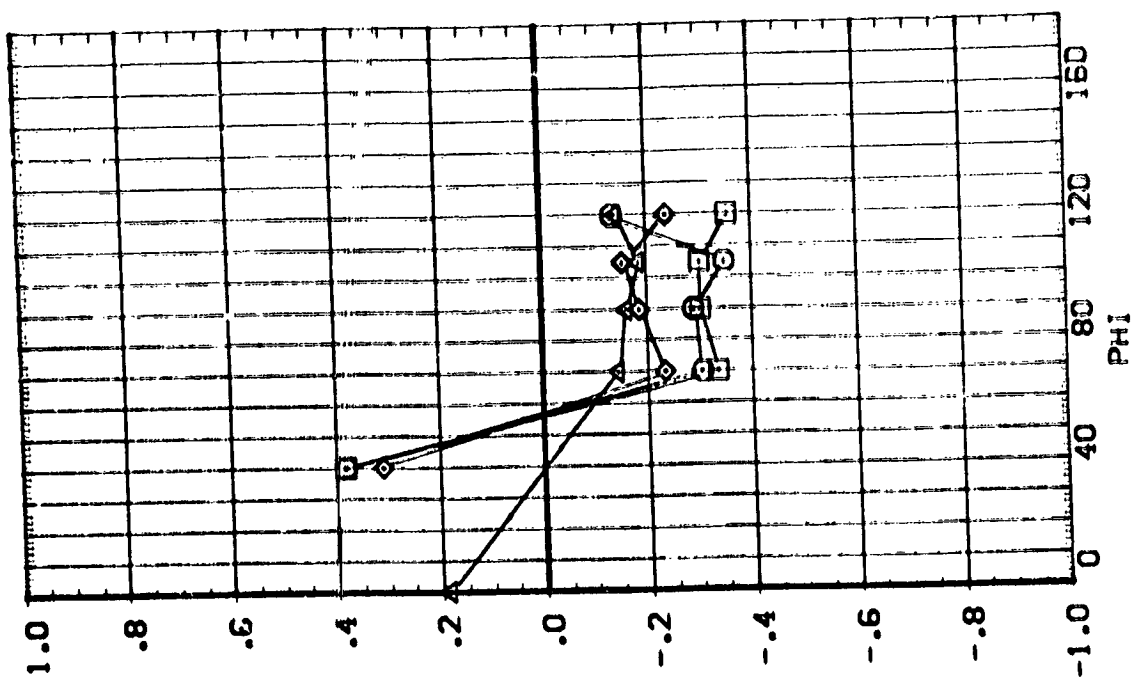


3:00507M2F:W87E18V5R5G: LEFT FUSELAGE

(RDLB03)

PARAMETRIC VALUES  
ELEVTR 10.000 RUDDER .000  
RDOFLR 40.000 FLAP -10.000

SYMBOL X/L ALPHA BETA  
◇ .878 10.120 .000  
○ .885 12.120  
△ .926  
△ .964



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG., RUDDER = 0



B:00CSD7M2F1W87E18V5R5G: LEFT FUSELAGE

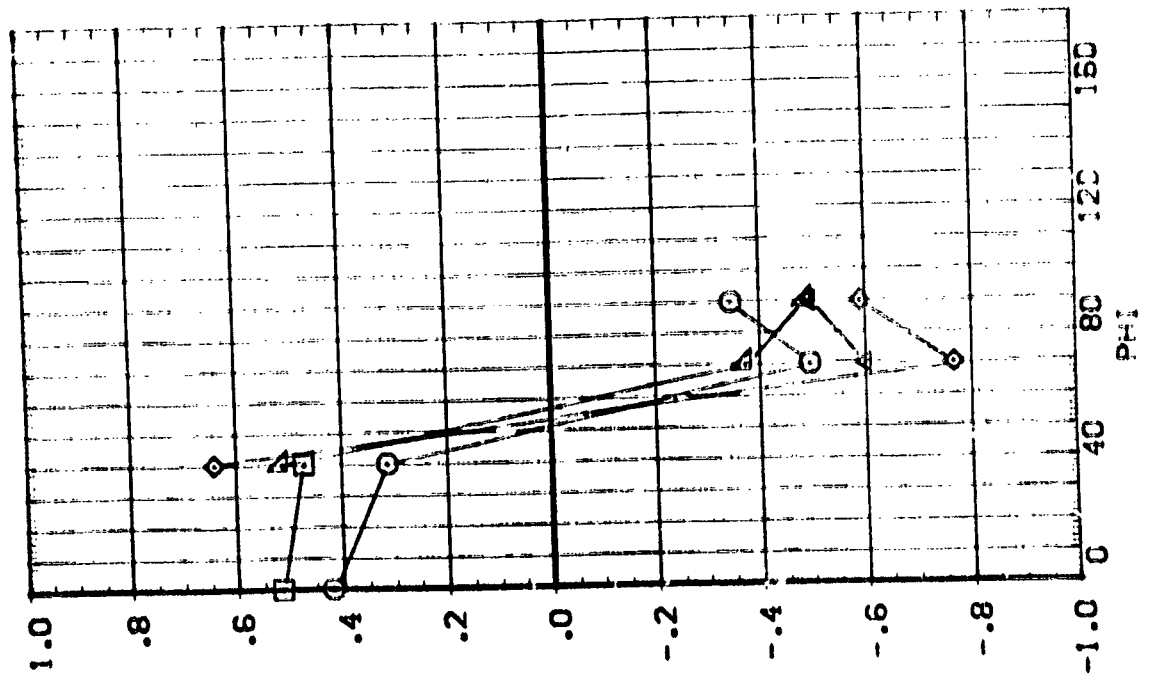
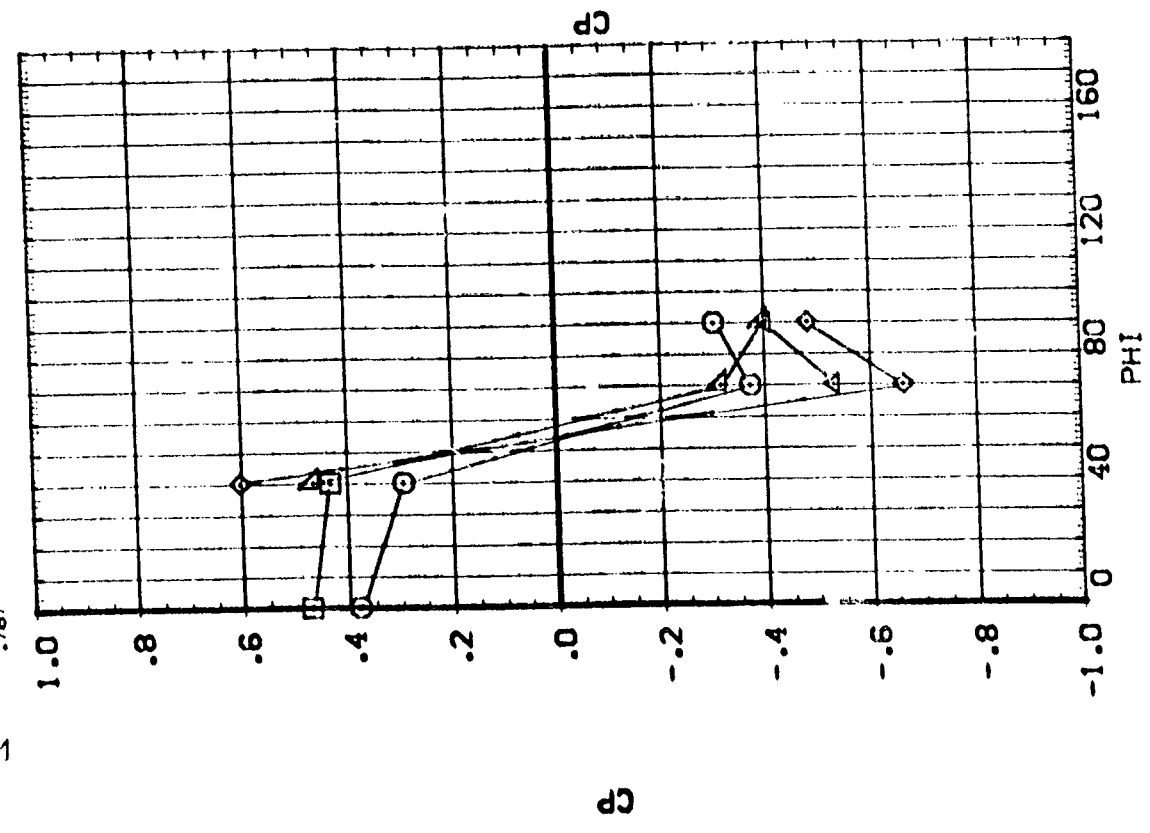
[R0-BCG]

SWAC  
Z  
O  
H  
O  
A  
Z

X/L .512  
.587  
.663  
.738  
.787

A.04A 14.24C  
BETA .000  
16.23C

PARAMETRIC VALUES  
ELEVTR 10.000  
RUDTR 0.000  
RUDR 40.000  
RUD 10.000  
RUD 10.000



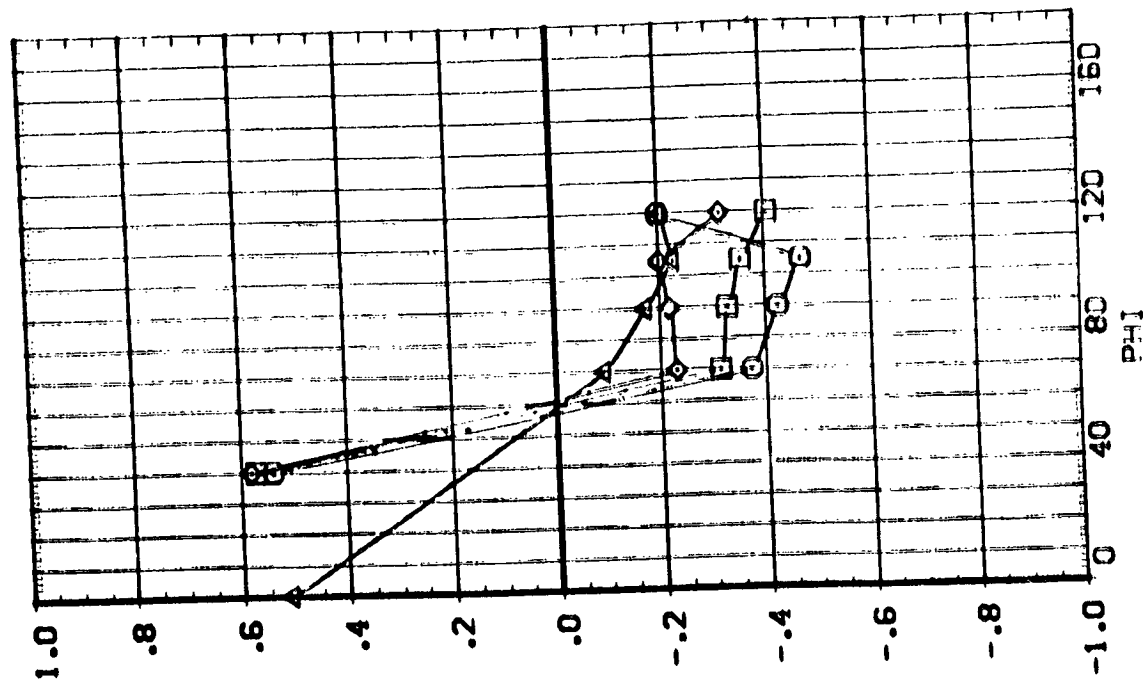
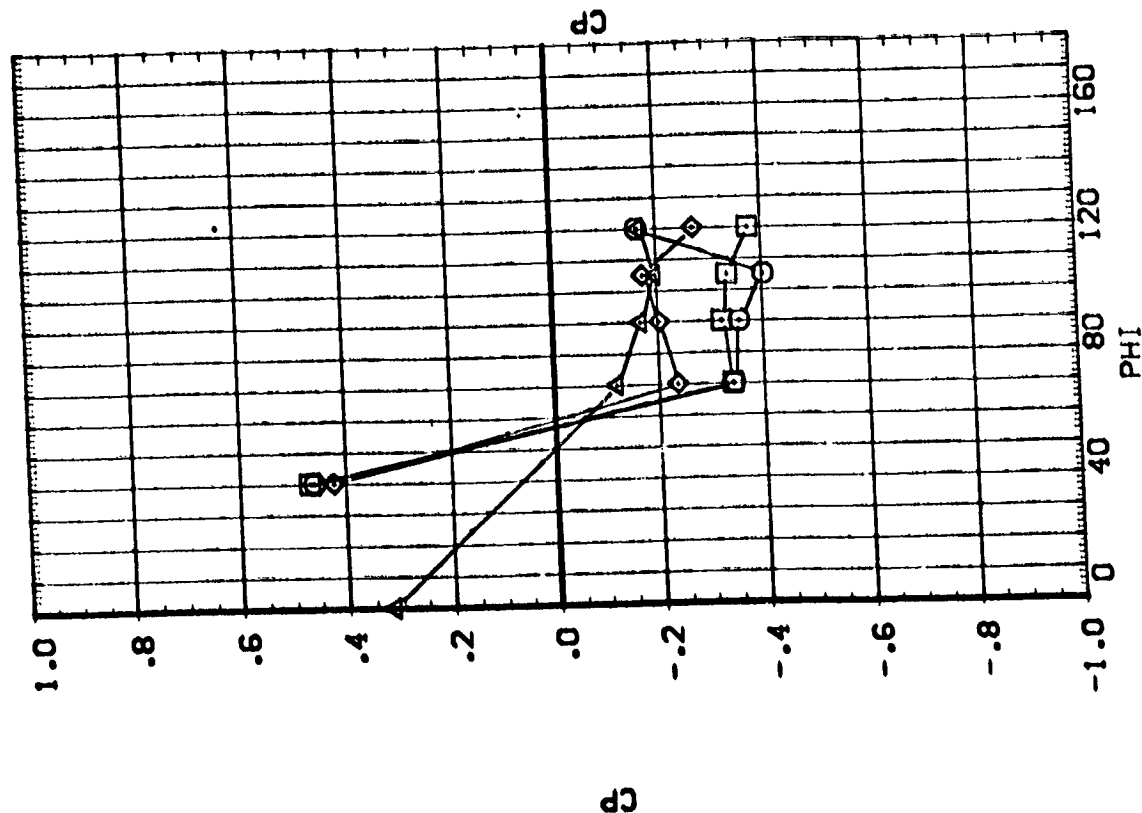
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = 10 DEG., RUDTR = 0



310C507M2F1W87E18V5R5G1 LEFT FUSELAGE

(ROL303)

SYMBO	X/L	ALPHA	BETA	PARAMETRIC VALUES		
				ELEVTR	RUDDER	FLAP
□	.828	14.24C	.000	10.000	.000	
◇	.885	16.23C		40.000		
△	.926					-18.000
△	.954					



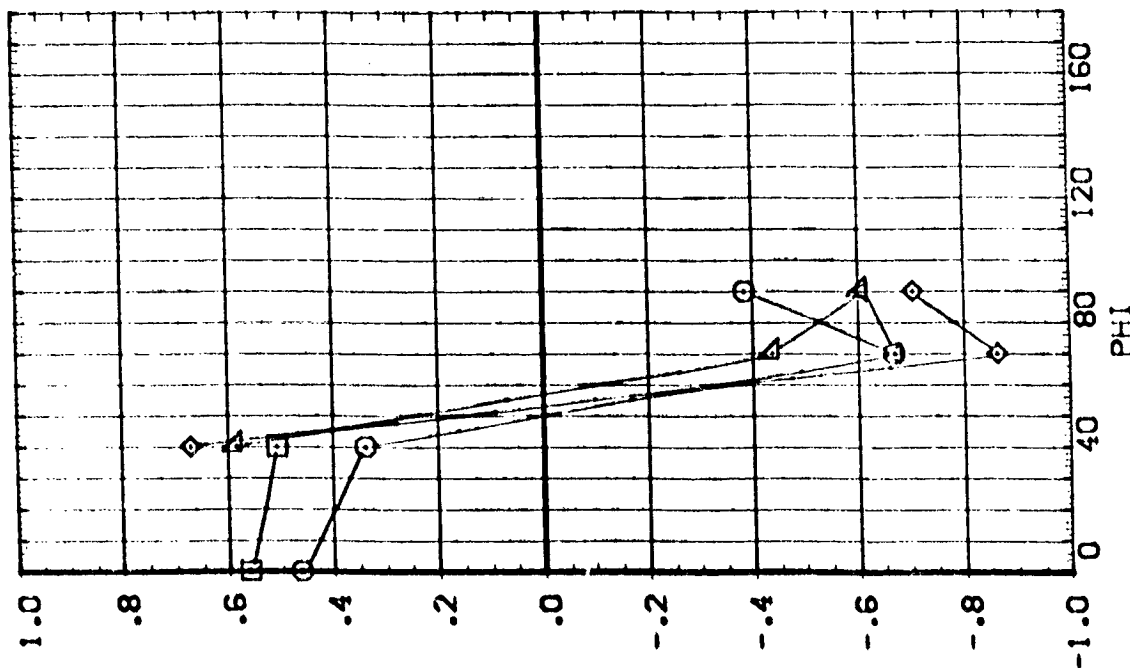
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG., RUDDER = 0

3:00507M2F1487E18.595G: LEFT FUSELAGE

(20-303)

ELEVTR 10.000  
 RUDDER 40.000  
 RUDDER 1.000  
 RUDDER 1.000

SINGL X/L A P/A BETA  
 .512 :8.300 .000  
 .587  
 .663  
 .738  
 .787



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR =+10 DEG., RUDDER = 0



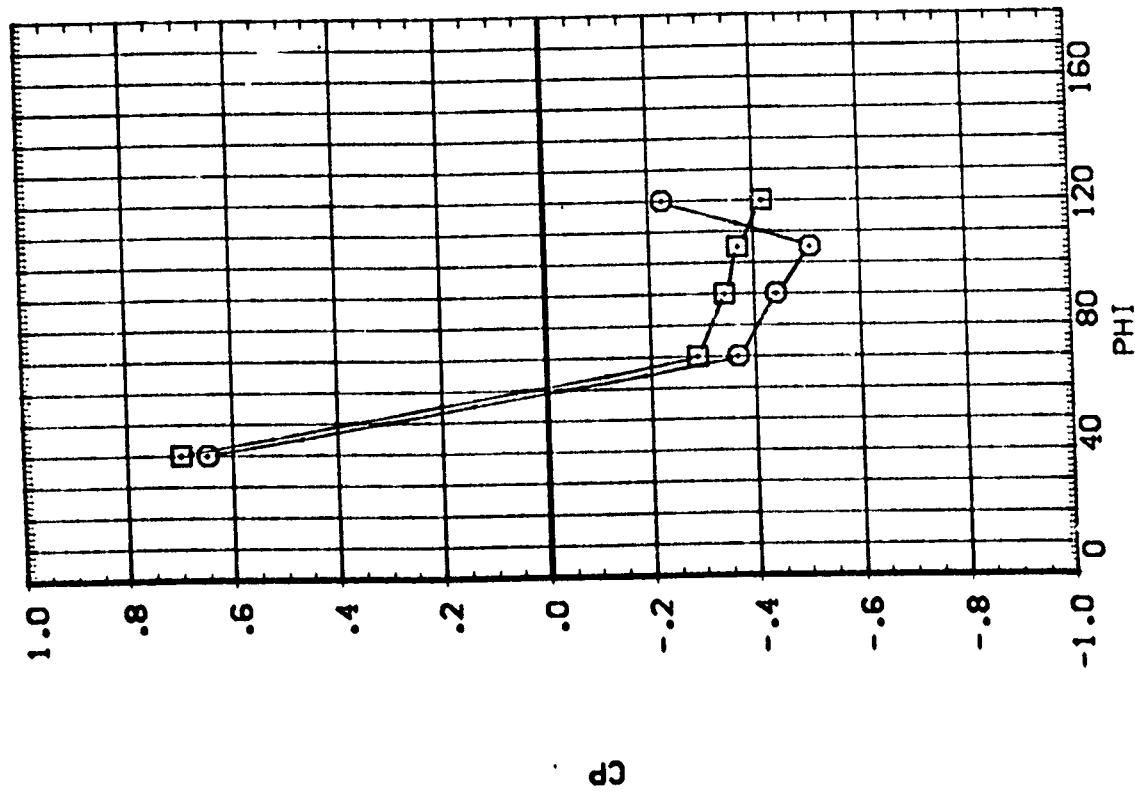
3:005072F1W87E18VSR561 LEFT FUSELAGE

(RDLB03)

SYMBOL  
 ○ □ △

X/L ALPHA BETA  
 .828 18.300 .000  
 .885  
 .926  
 .964

PARAMETRIC VALUES  
 10.000 RUDDER .000  
 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVT = +10 DEG., RUDDER = 0



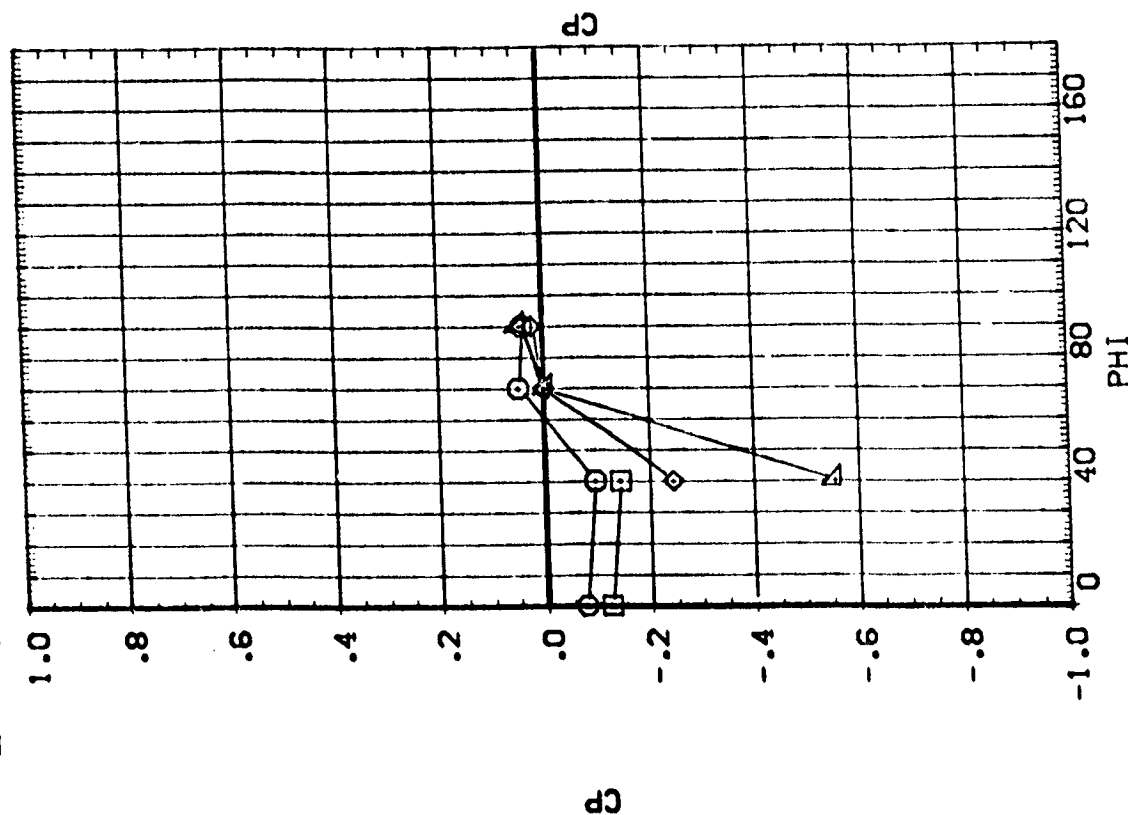
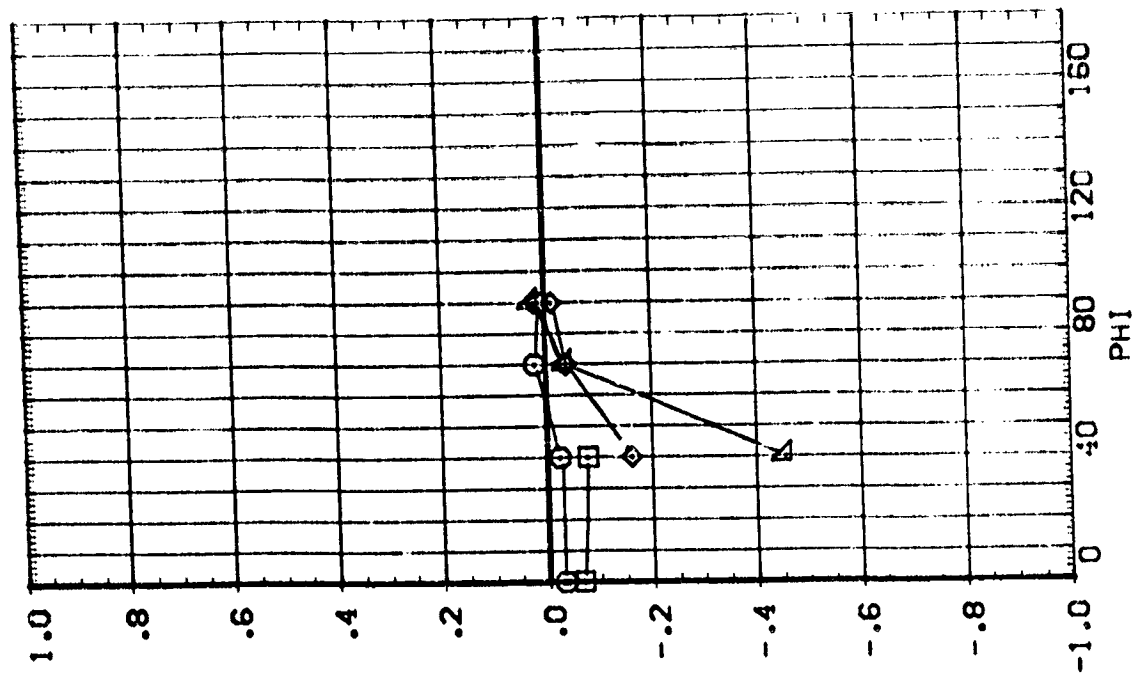


3:00507M2F:W87E:8V5R5G1 LEFT FUSELAGE

(RDLB04)

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000

SYMBOL X/L ALPHA BETA  
◇ .512  
◇ .587  
◇ .663  
◇ .738  
◇ .787



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0

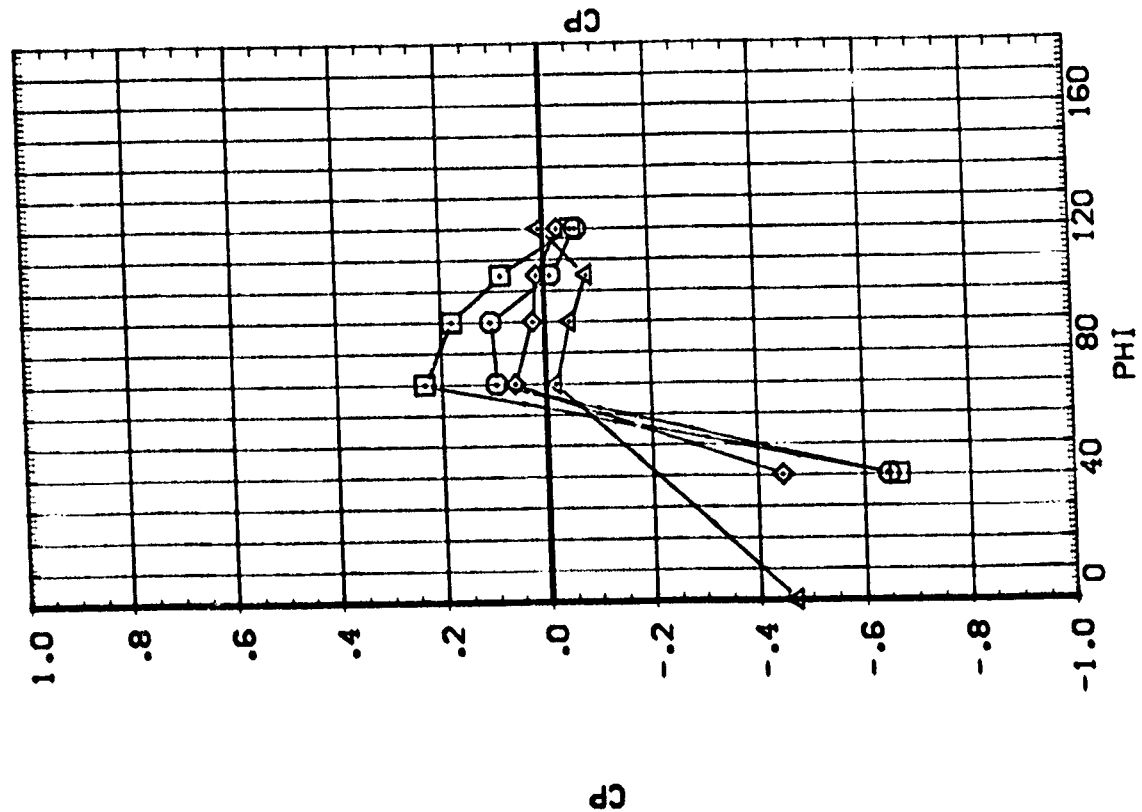
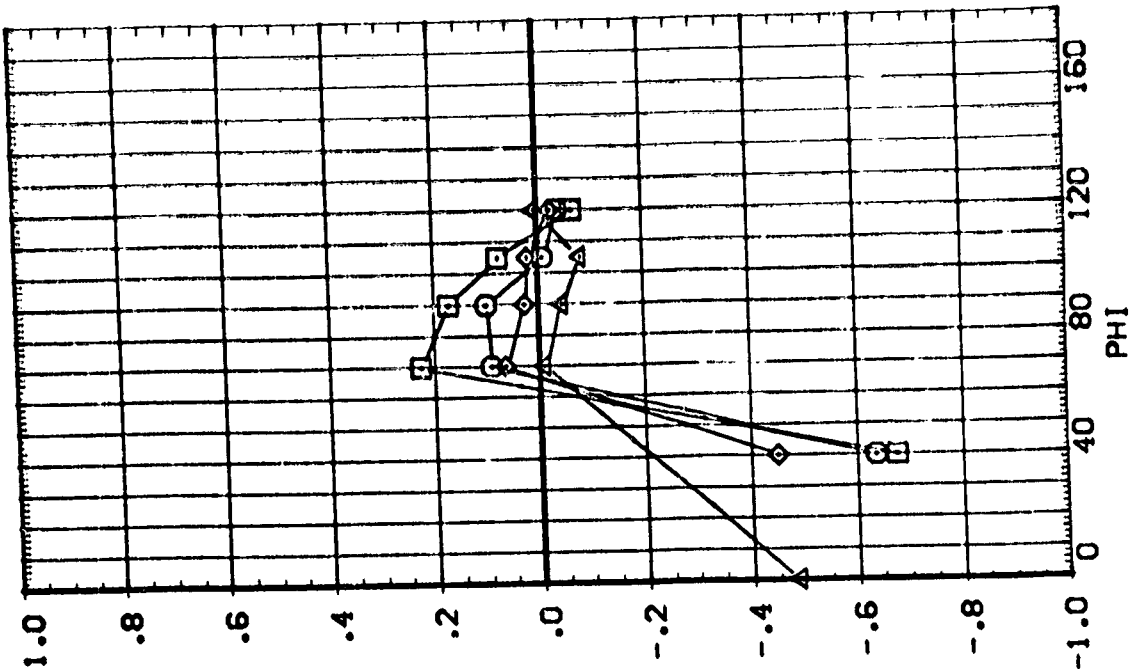


3:00507M2F:W87E:8VSR5G: LEFT FUSELAGE

(RDLB04)

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000

SYMBOL X/L A/P-A BETA  
□ .878 -3.000 -5.030  
○ .885 - .960  
◇ .976  
△ .984



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0



3100507M2F1W87E18V5R5G1 LEFT FUSELAGE

(RDLB04)

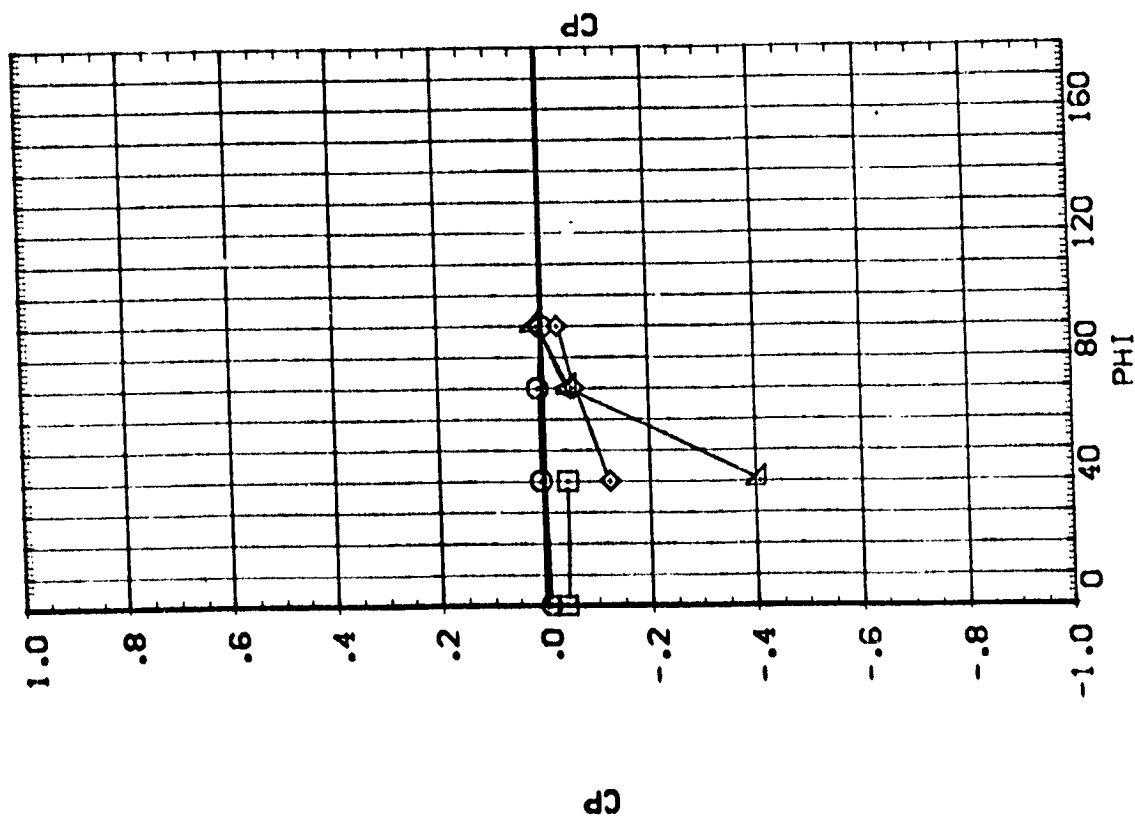
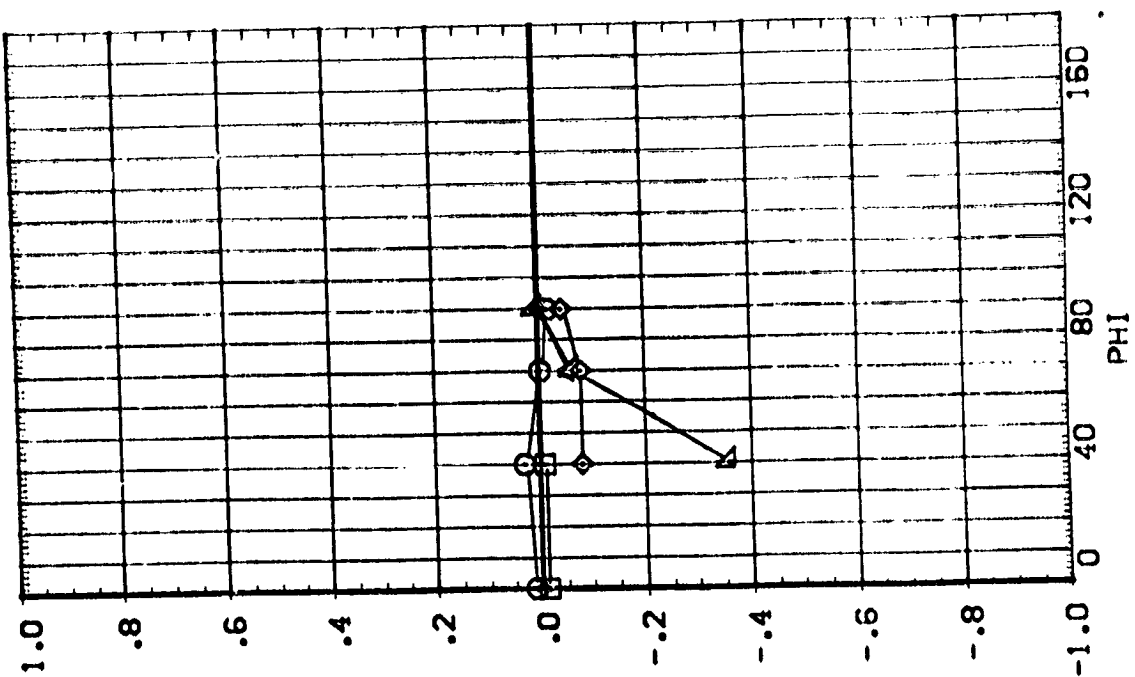
SYMBOL  
011047

WAVELENGTH  
.512  
.587  
.663  
.738  
.787

ALPHA  
.010  
1.010

BETA  
-5.030

PARAMETRIC VALUES  
ELEVTR 40.000 RUDDER .000  
RDFLR 18.000 FLAP -18.000



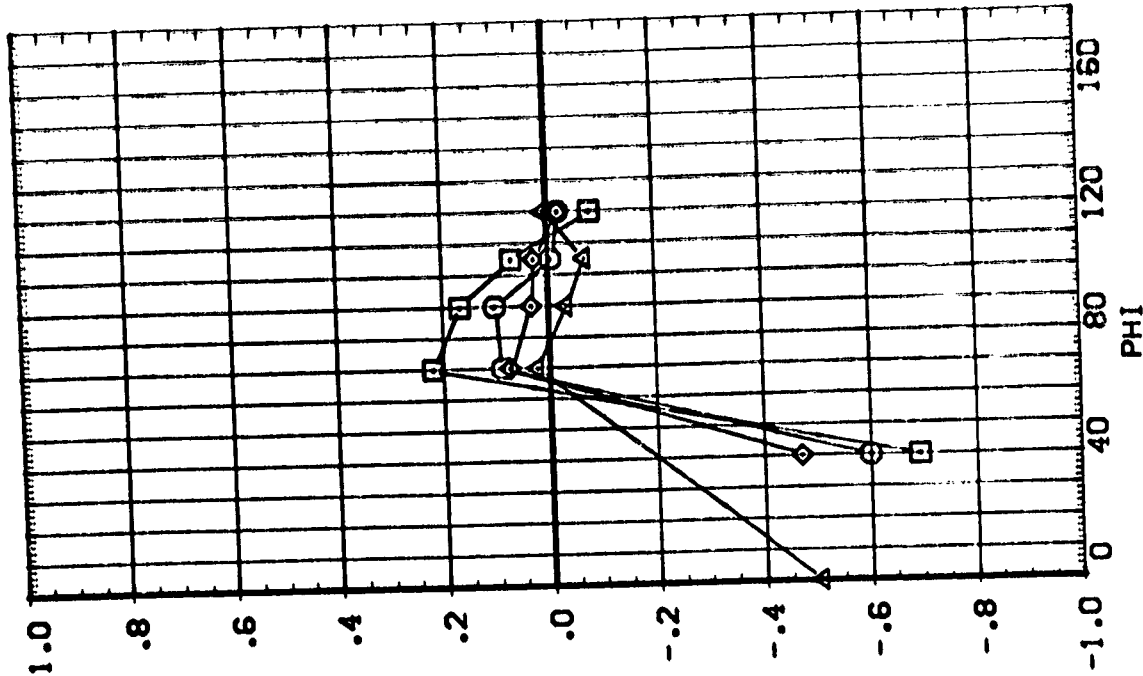
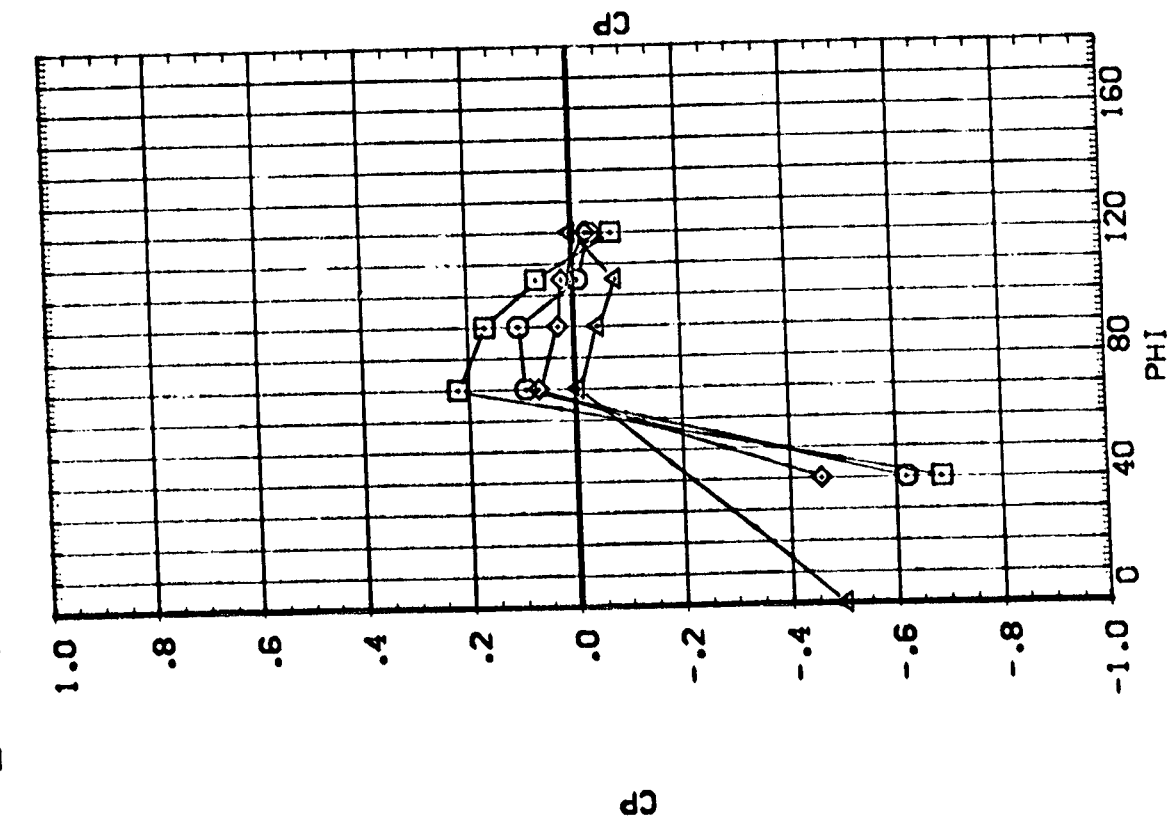
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0



3:00507V2F:W87E18V5R5G: LEFT FUSELAGE

(RDLB04)

SWBC	M/L	ALPHA	BETA	PARAMETRIC VALUES	
				ELEVTR	RUDDER
◇	.828	.010	-5.030	40.000	0.000
○	.885	.010	-5.030	20.000	0.000
△	.926	.010	-5.030	40.000	-10.000
	.954				



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = -20 DEG., RUDDER = 0



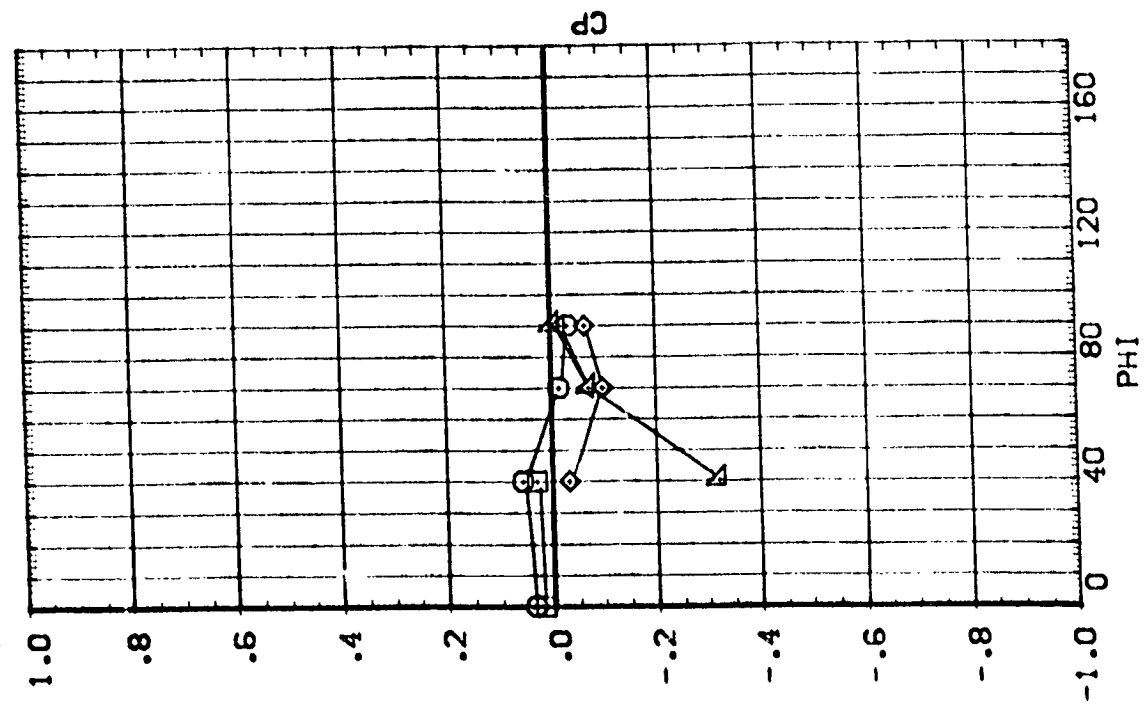
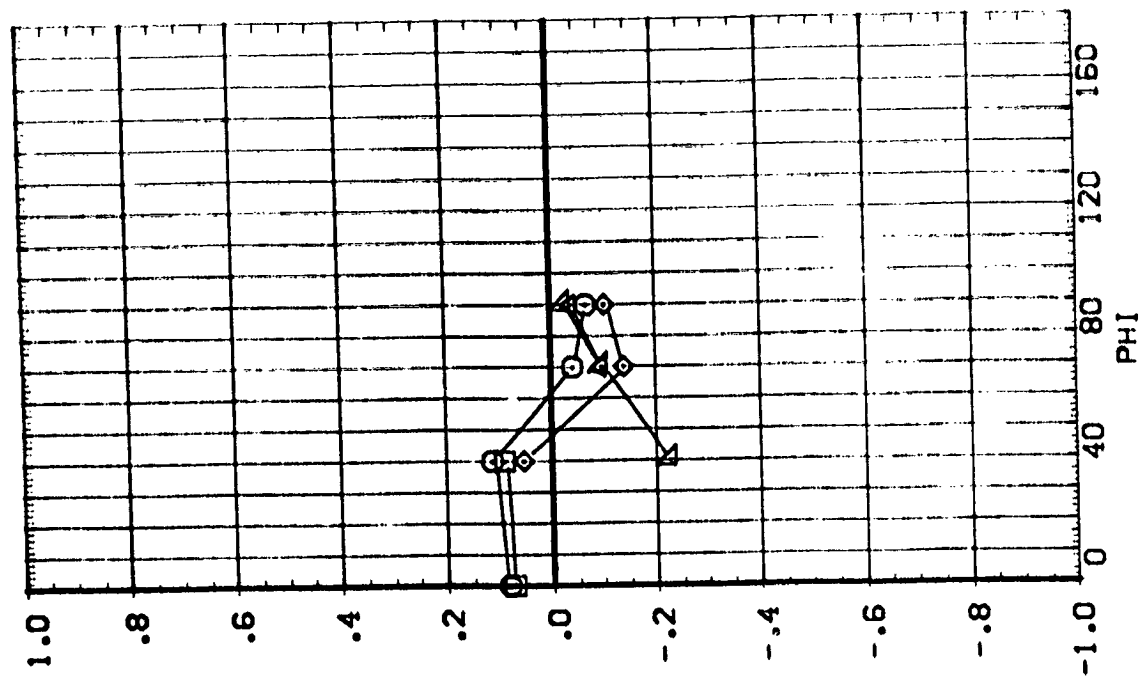
B:00507M2F1W87E18V5R5G1 LEFT FUSELAGE

(RDLBC4)

SYNTH  
OLLO47

X/L ALPHA BETA  
.512 2.000 -5.030  
.587 4.050  
.553  
.738  
.787

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RLOFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0

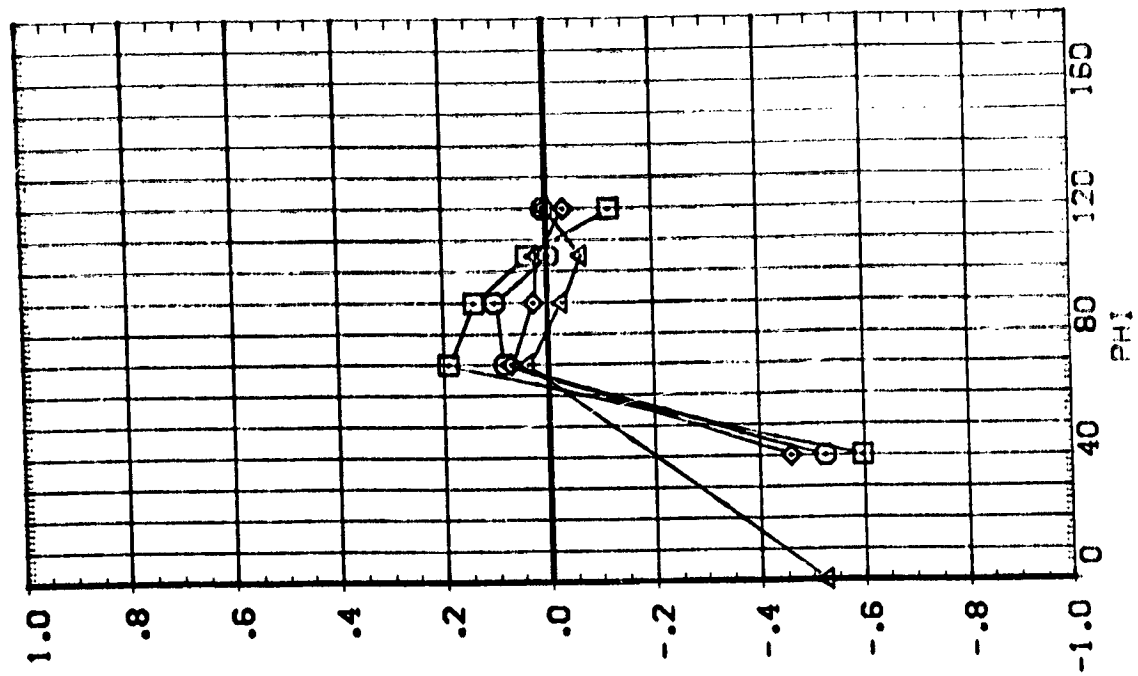
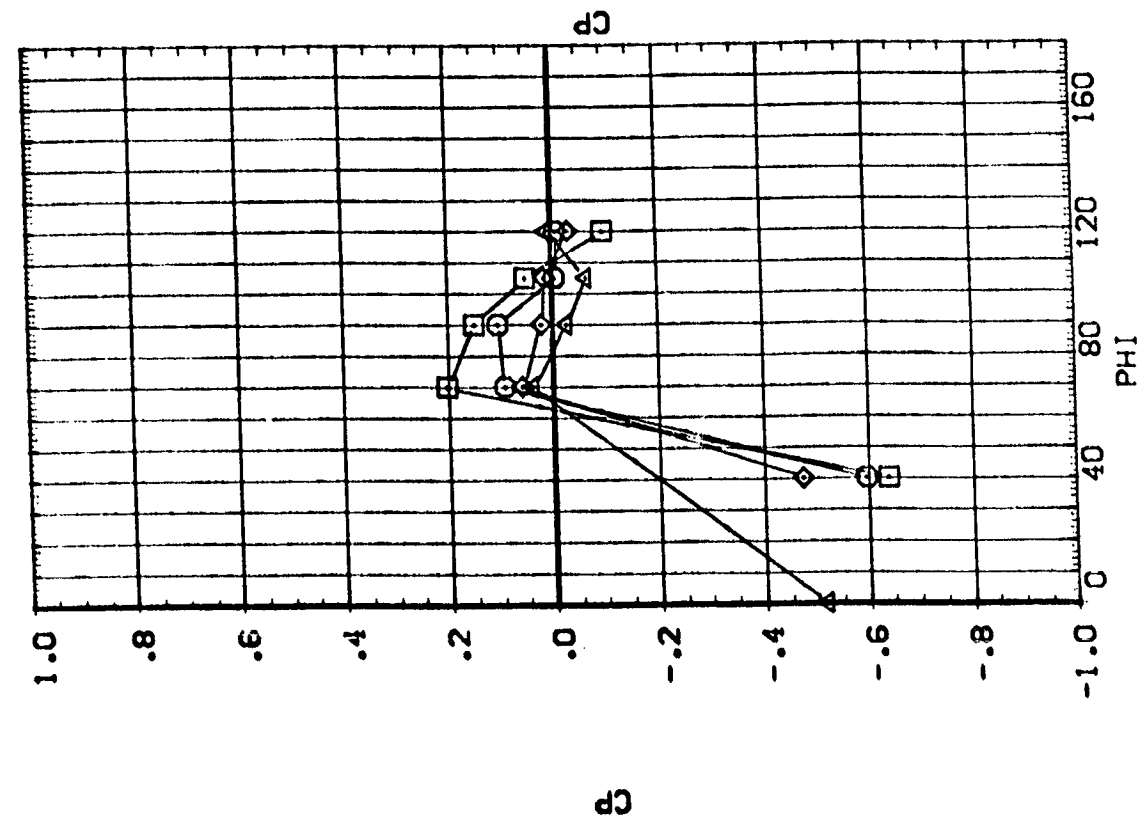


3:00507M2F:W87E:8V5R5G: LEFT FUSELAGE

(RDLB04)

SYMBOL X/L ALPHA BETA  
 O .828 2.000  
 □ .865 4.050  
 ◇ .976  
 △ .954

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0

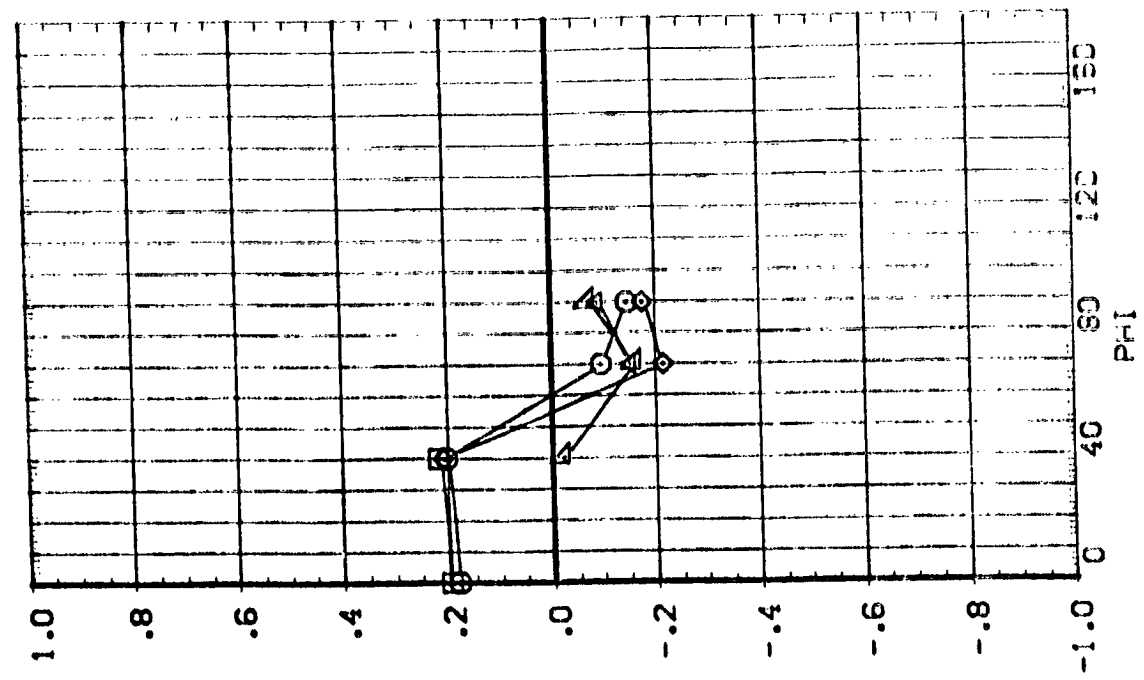
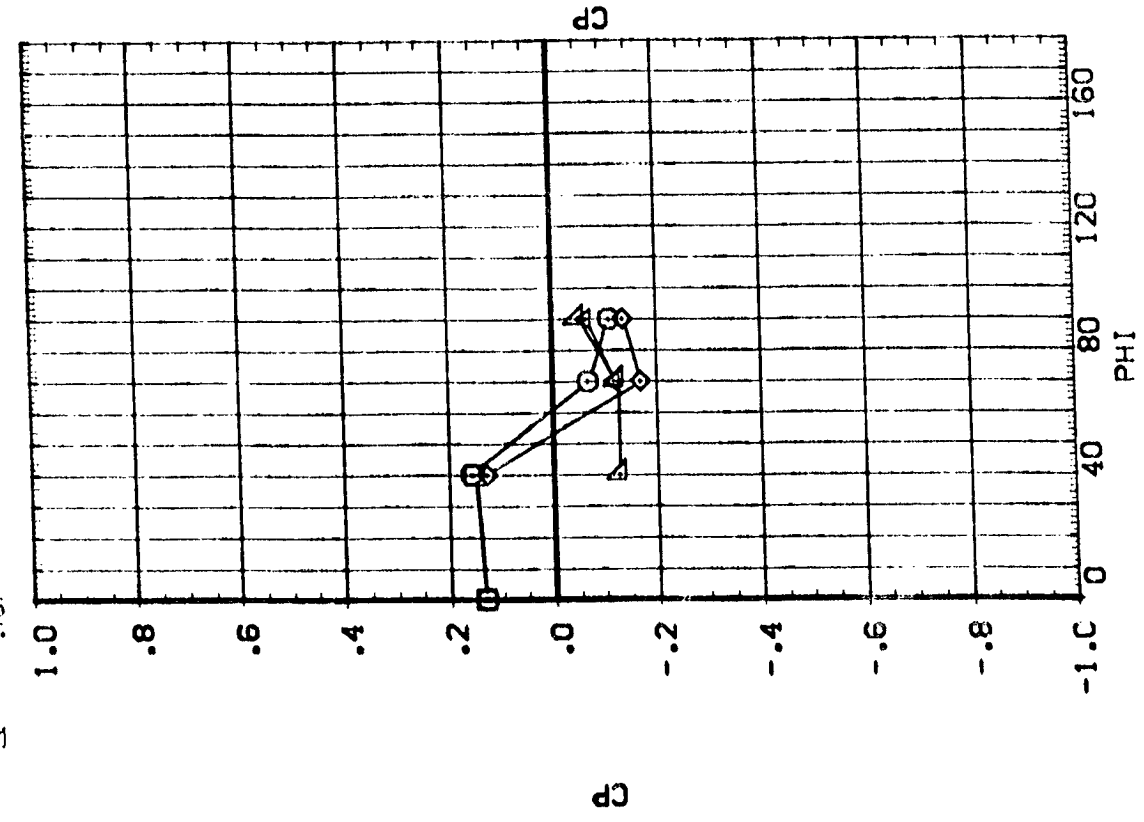


3:00507M2E:W87E18VSRSG1 LEFT FUSELAGE

(R0L304)

SYMBOL X/L ALPHA BETA  
.512  
.587  
.663  
.738  
.797  
6.080  
6.130  
-5.030

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUDSLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG, RUDDER = 0  
PAGE 350

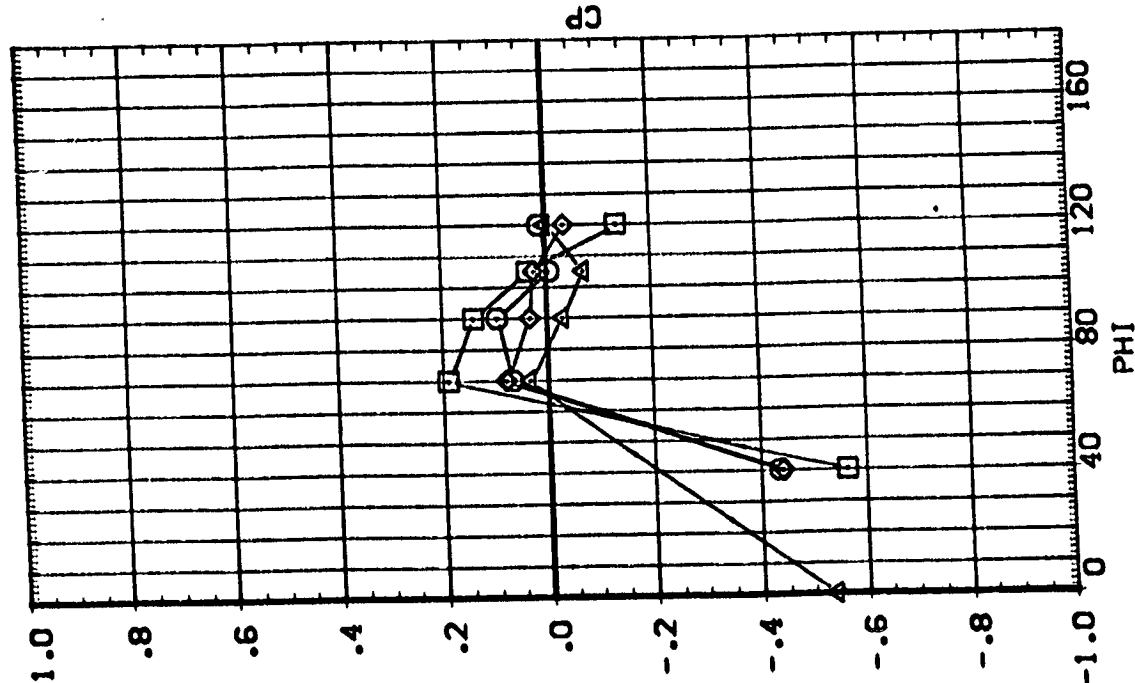
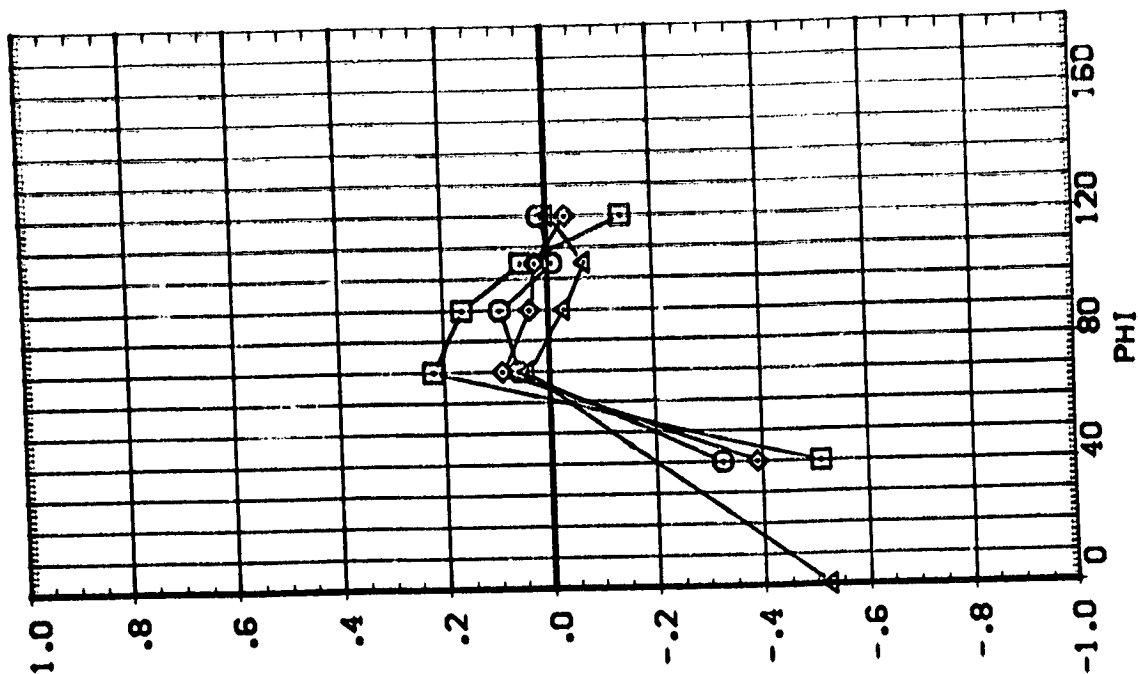


B10C5D7M2F1W87E18VSR5G1 LEFT FUSELAGE

(RDLB04)

PARAMETRIC VALUES  
ELEVTR -21.000 RUDDER .000  
RDFLR 40.000 FLAP -18.000

SYMBOL X/L ALPHA BETA  
◇ .828 6.080 -5.030  
□ .885 8.130  
△ .926  
▽ .954



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0





B:00507M2F:W87E18V5R5G1 LEFT FUSELAGE

(RCLB04)

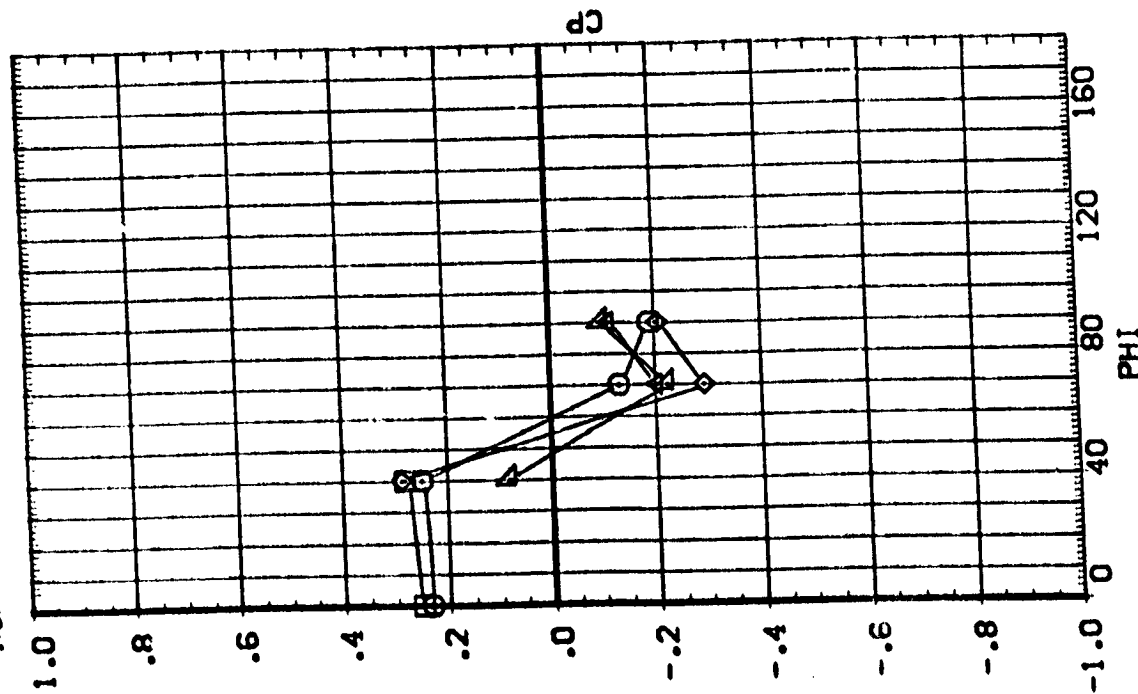
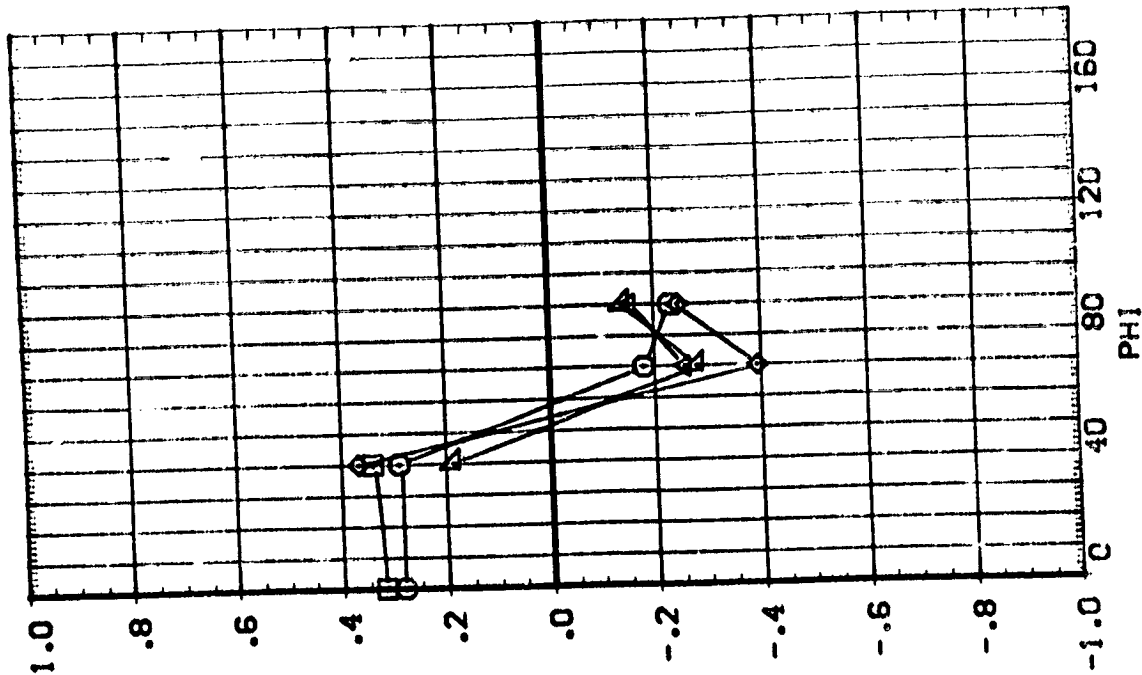
SYMBOL

X/L  
.512  
.587  
.663  
.738  
.787

ALPHA  
10.170  
12.770

BETA  
-5.340

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = -20 DEG., RUDDER = 0

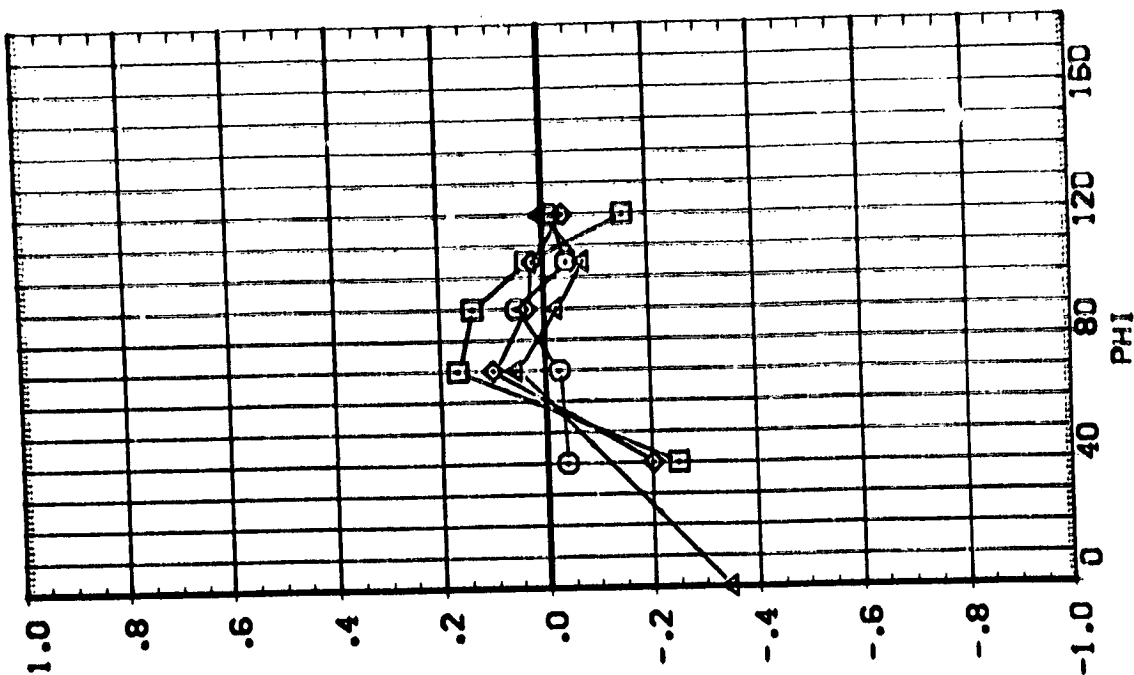
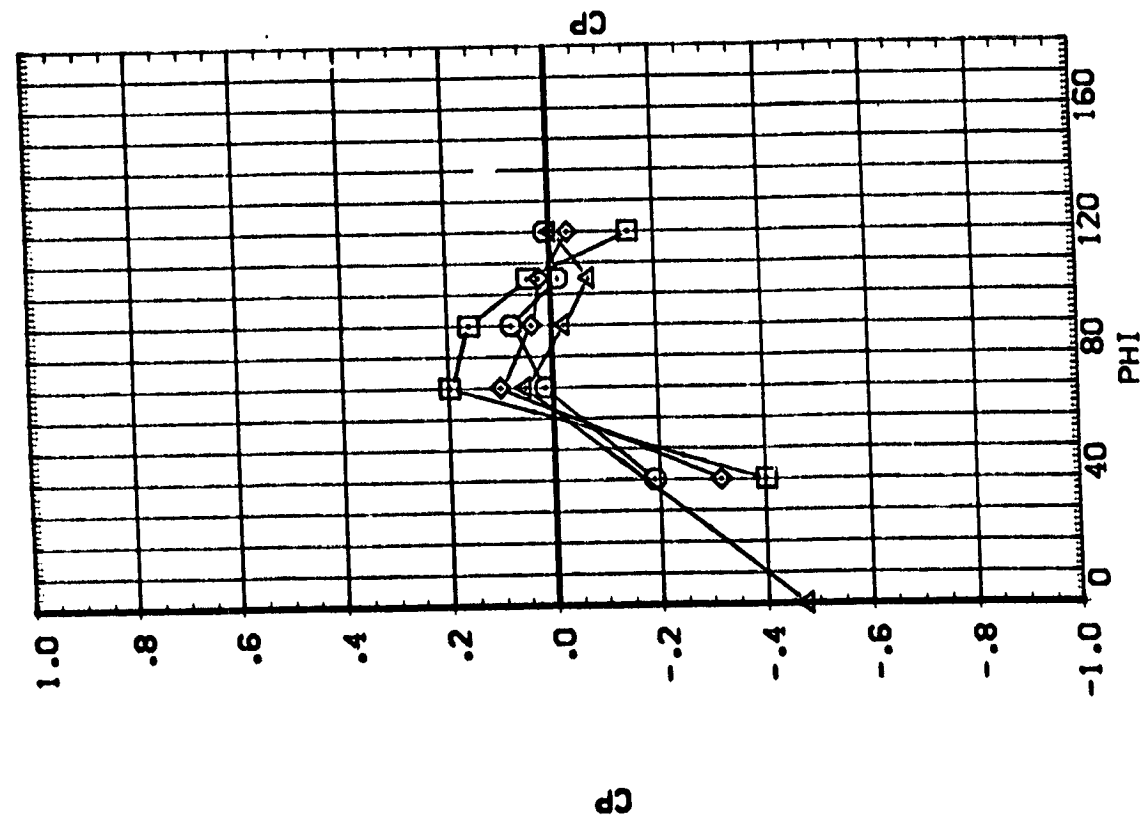


310C507M2F1W87E18V5R5G1 LEFT FUSELAGE

(RDLB04)

SYMBOL X/L ALPHA BETA  
 .828 10.170 -5.040  
 .885 12.270  
 .926  
 .954

PARAMETRIC VALUES  
 ELEVTR 40.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0



B100507M2F:W87E18VSR5G: LEFT FUSELAGE

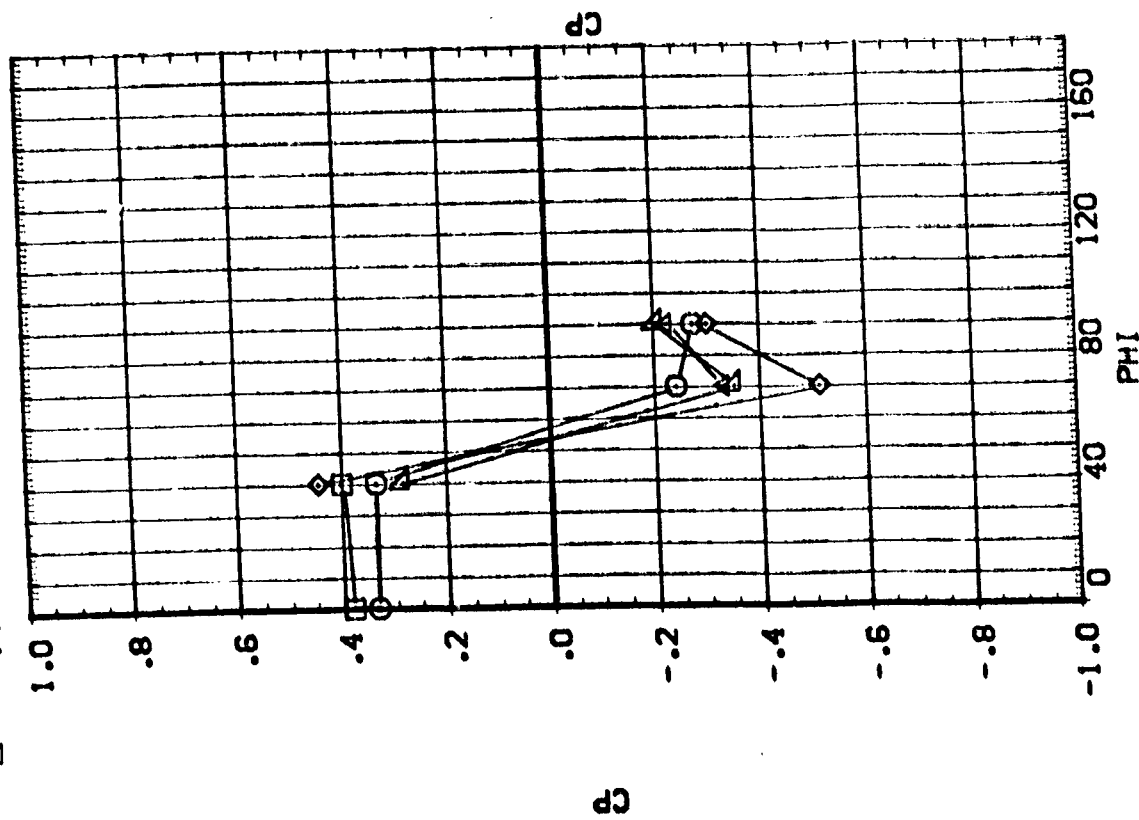
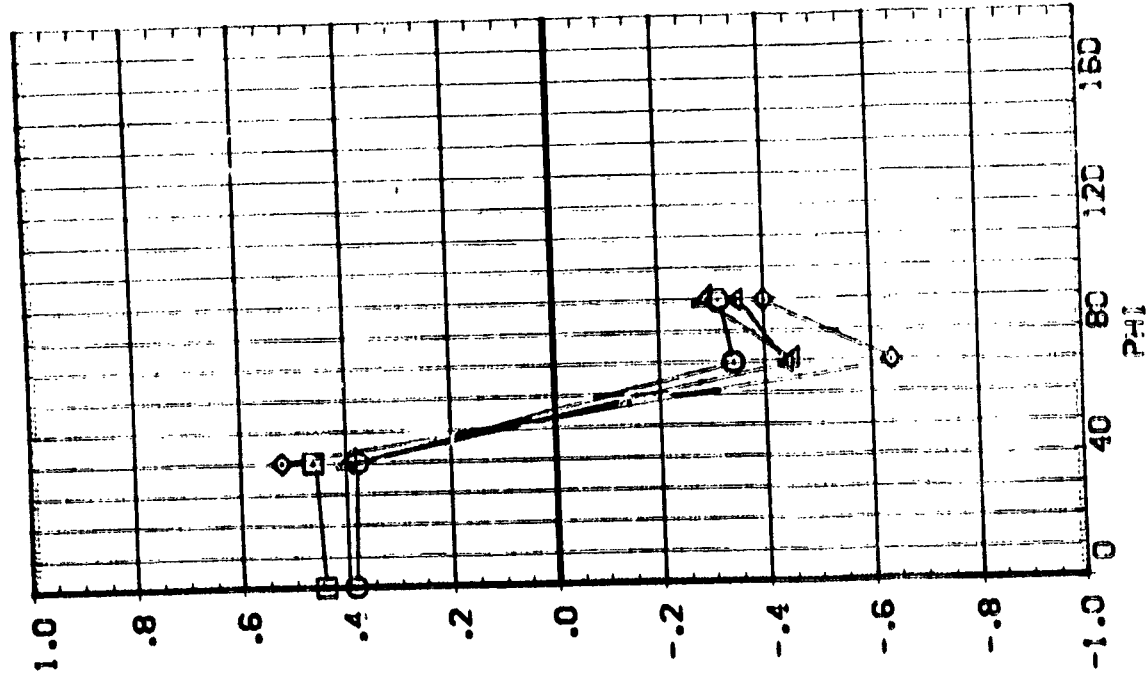
(P01304)

SYMBOL

ALPHA  
14.260  
16.240

BETA  
-5.050

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUDLR 40.000 FLAP -10.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0

PAGE 354

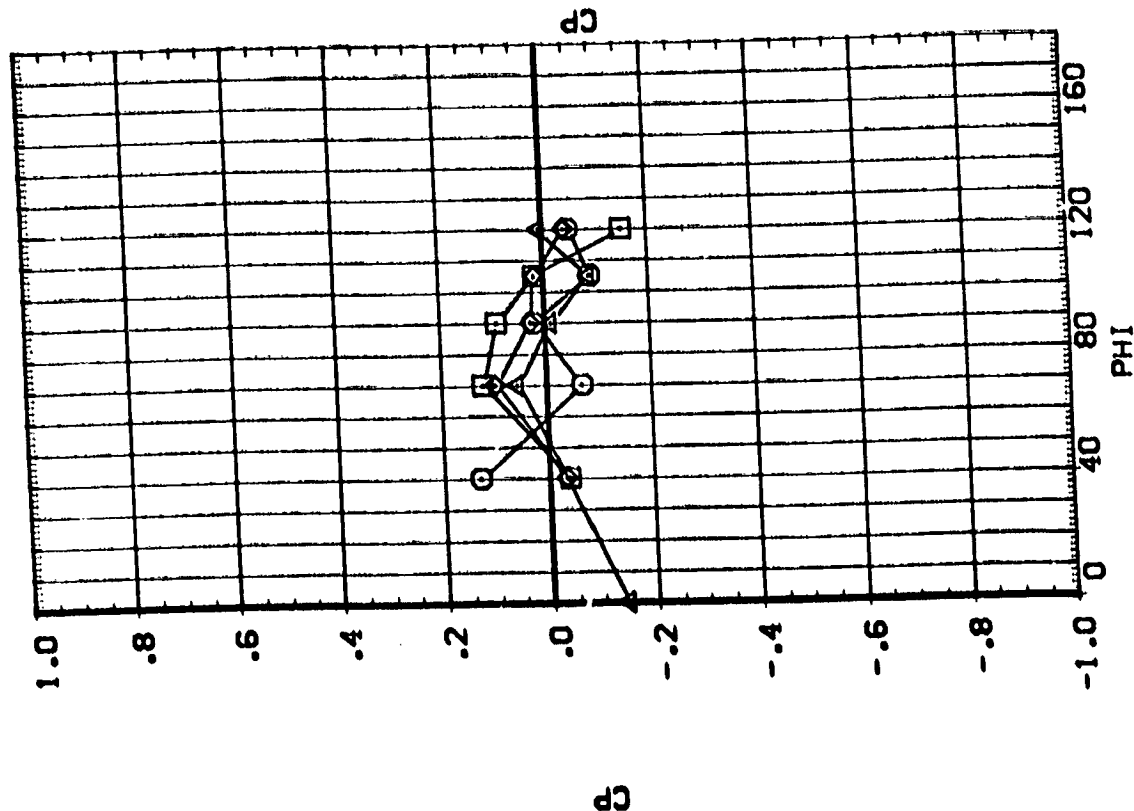
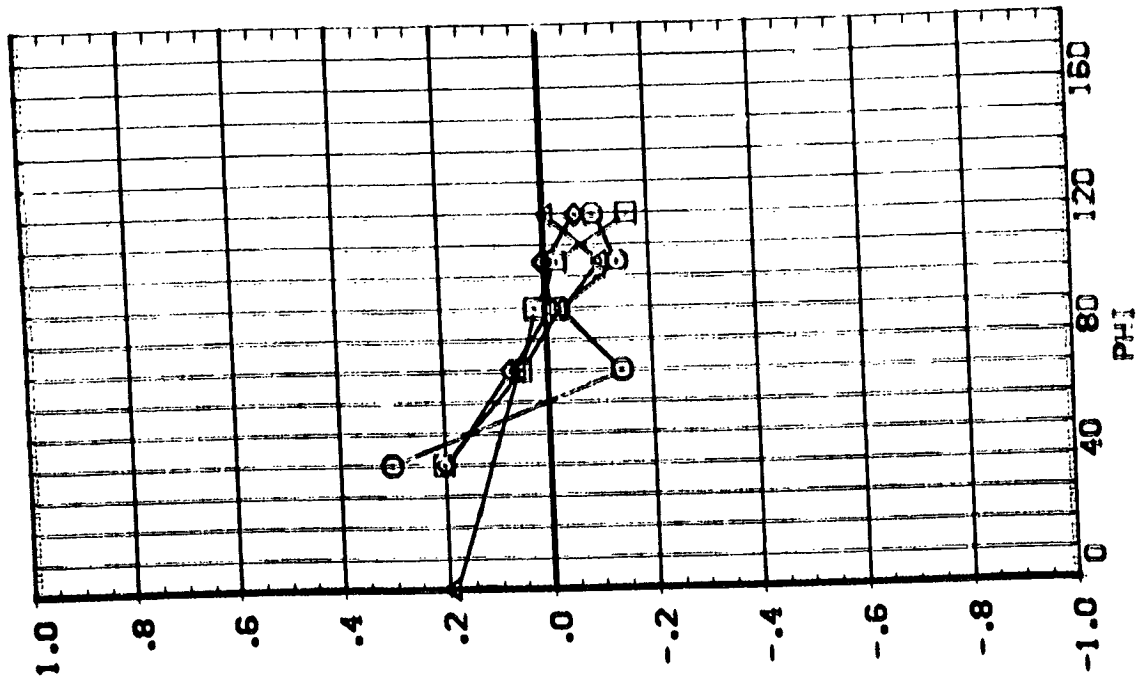


B:00507M2F:W87E:8V5R5G1 LEFT FUSELAGE

(ROL804)

SYMBOL X/L ALPHA BETA  
 0 .808 14.260 -5.050  
 1 .885 16.240  
 2 .976  
 3 .964

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 ROLLER 40.000 FLAP -10.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0  
 PAGE 355

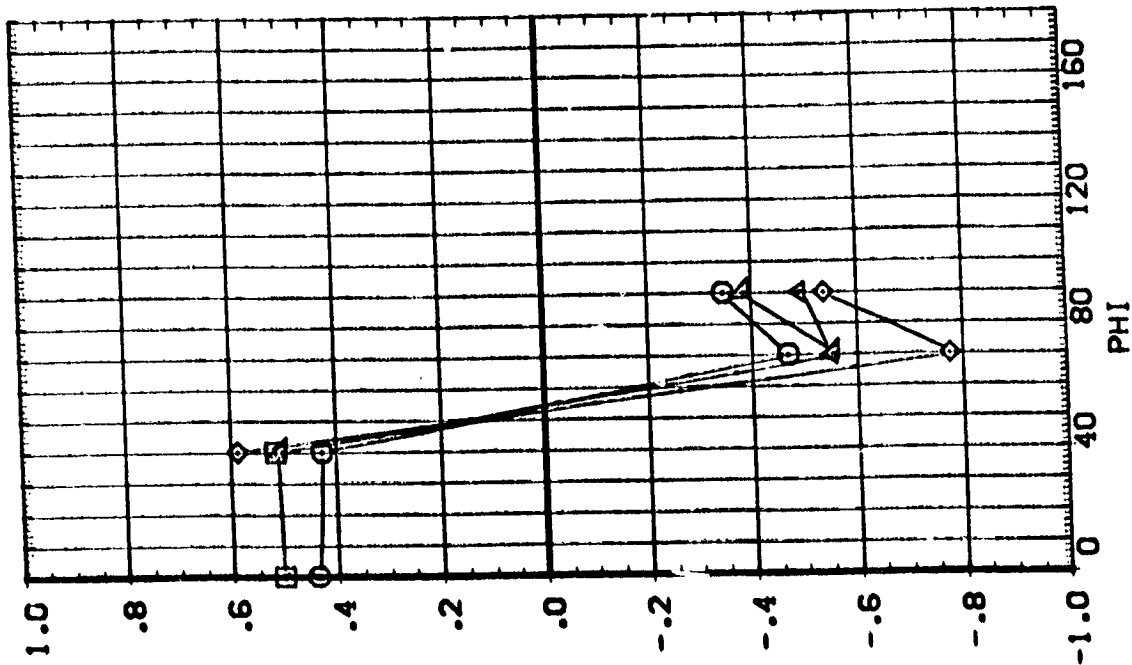
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3100507M2F1W87E18:5R5G1 LEFT FUSELAGE

(20-304)

SYMBOL X/L A.D.P.A. BETA  
 .512 18.310 -5.030  
 .587  
 .663  
 .738  
 .787

PARAMETRIC VALUES  
 ELEVTR 40.000 RUDER .00  
 RUDFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = -20 DEG., RUDER = 0  
 PAGE 356

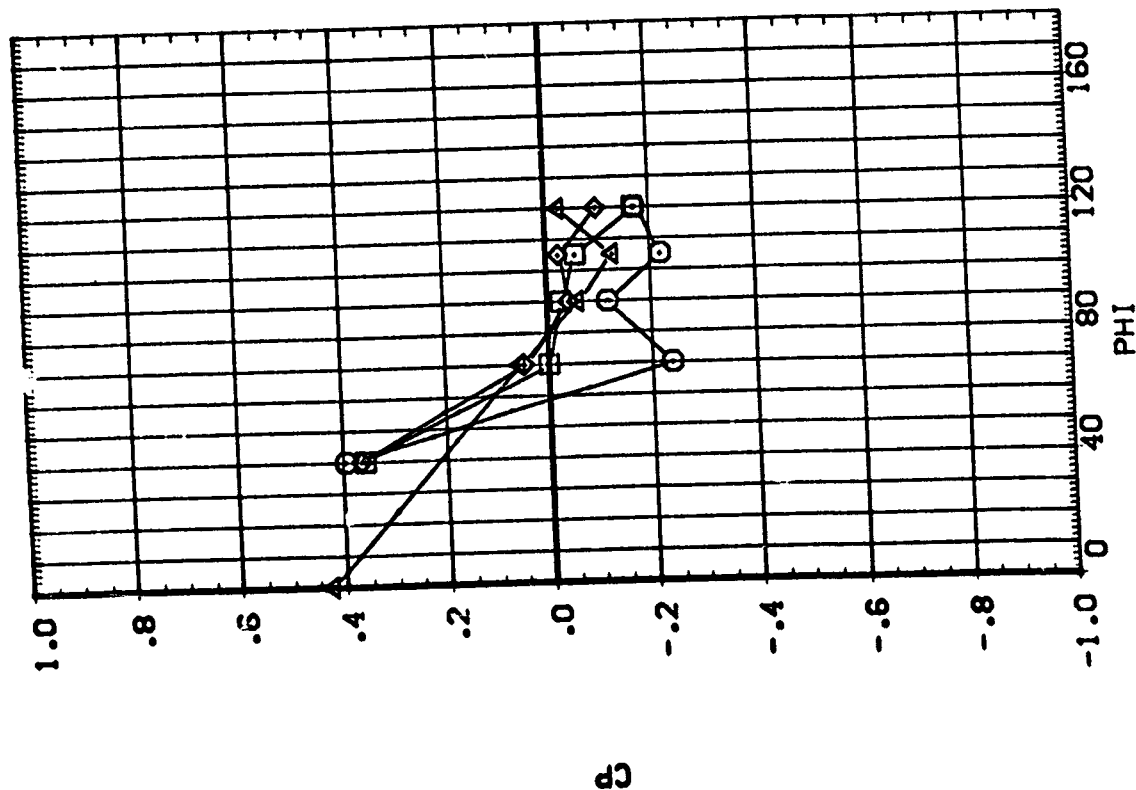


B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

(RDL804)

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUOFLR 40.000 FLAP -10.000

SYMBOL X/L ALPHA BETA  
○ .828  
□ .885  
◇ .926  
△ .964



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0  
PAGE 357



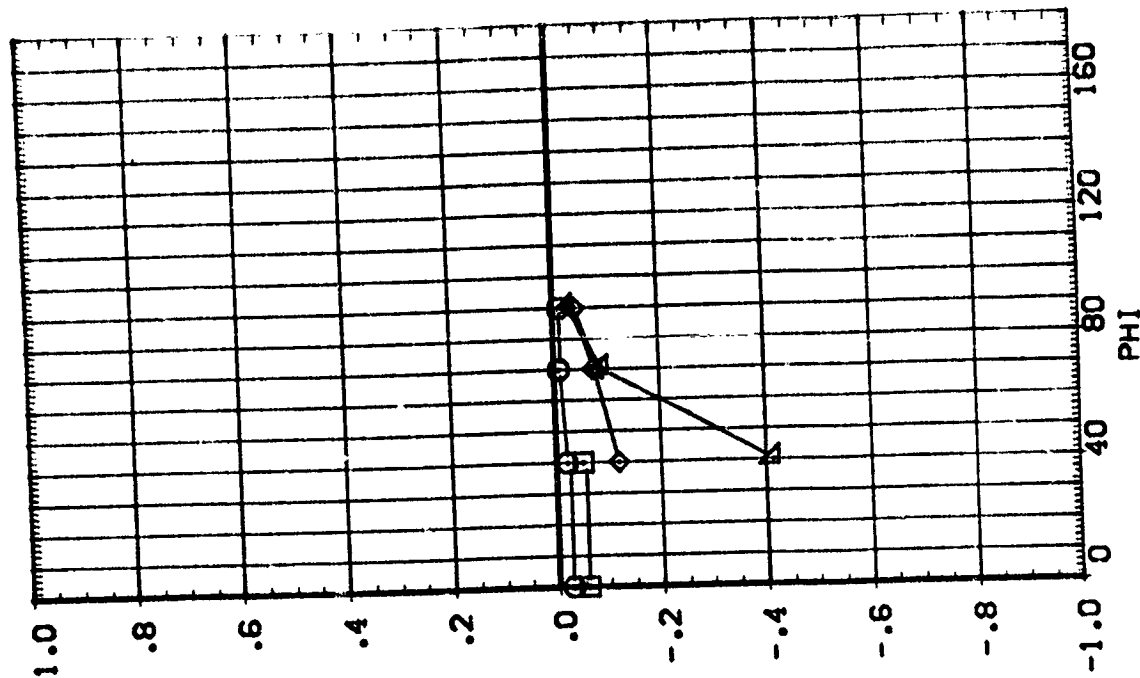
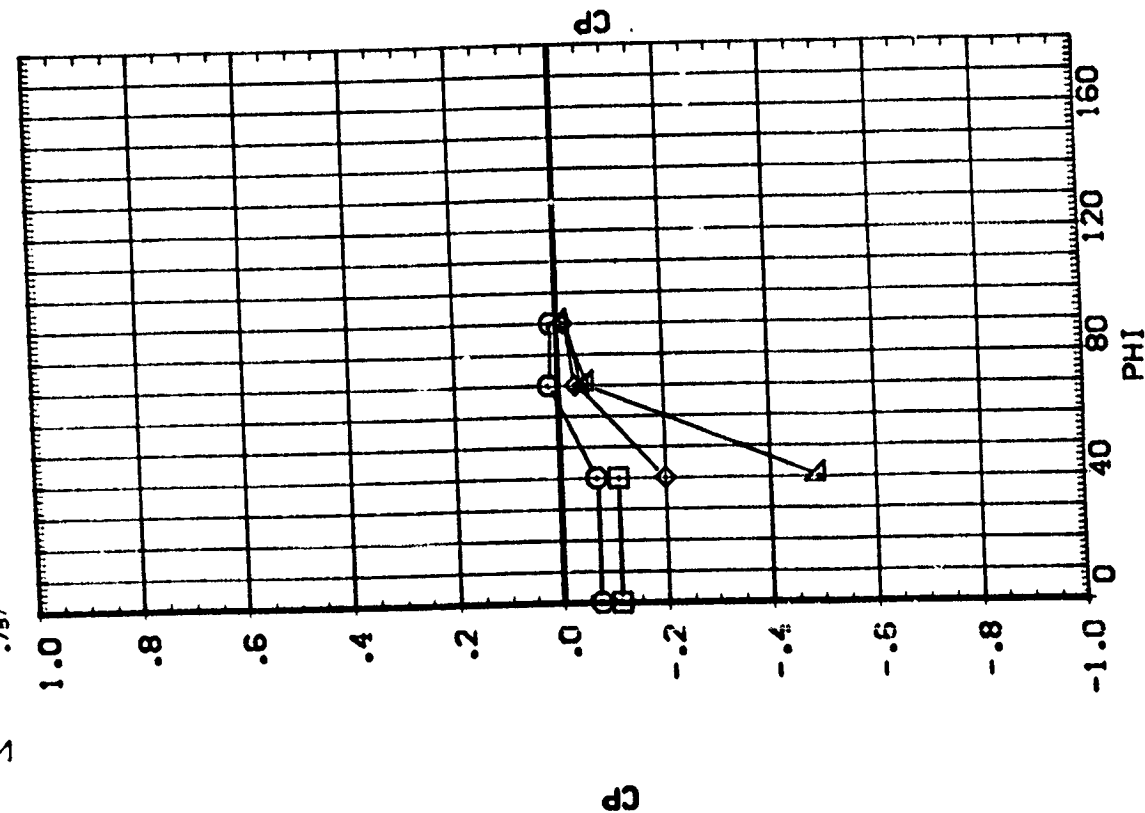
(RDLB04)

3100507M2F:W87E18V5R5G: LEFT FUSELAGE

SYMBOL  
O  
□  
◇  
△

X/L ALPHA BETA  
.512 -3.040 .000  
.587 -1.000  
.663  
.738  
.787

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUDFLR 40.000 FLAP -10.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = -20 DEG., RUDDER = 0  
PAGE 358

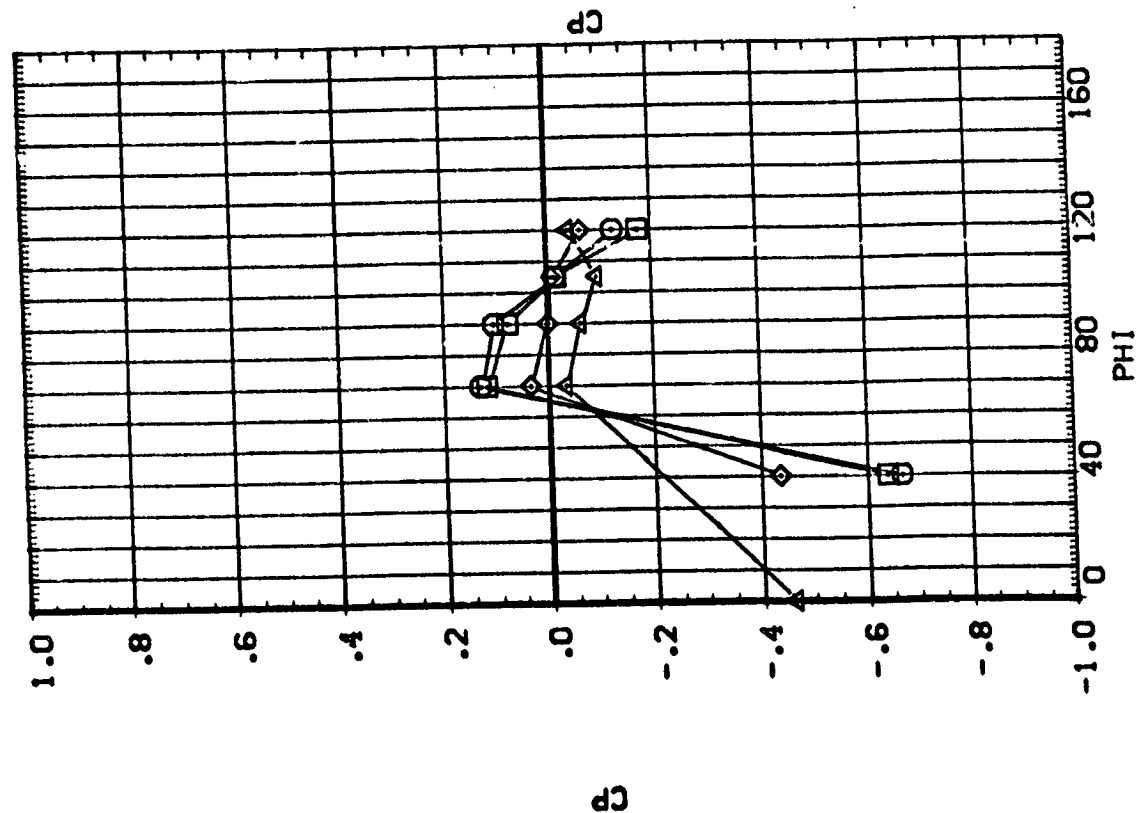
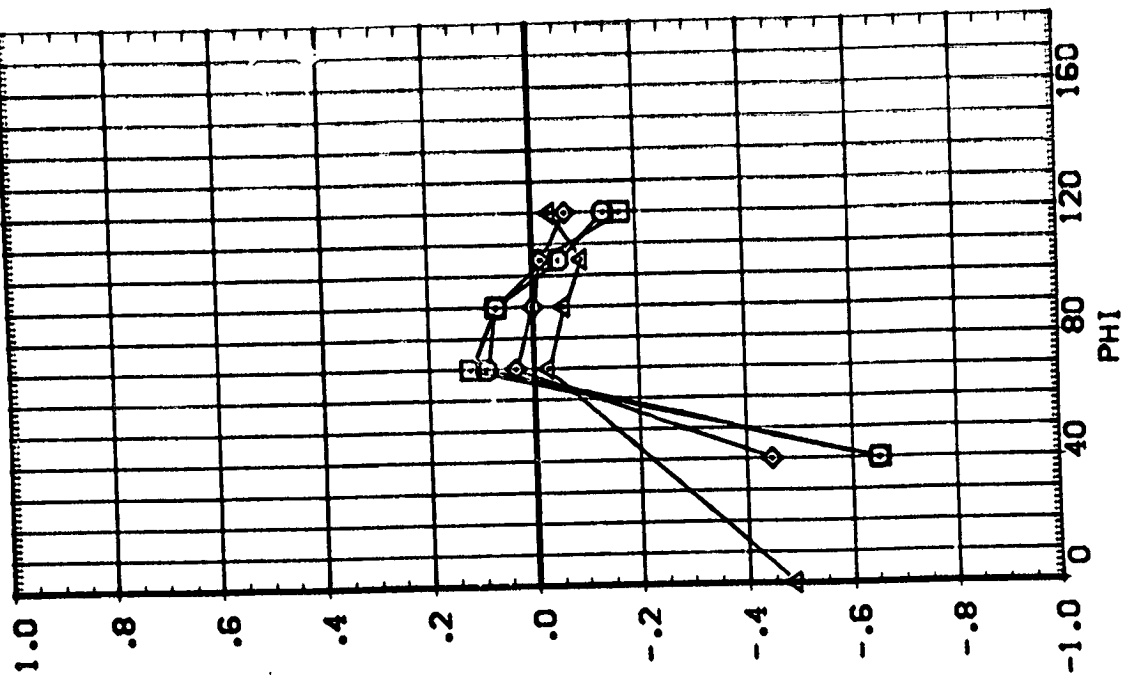


B10C507M2F:W87E18VSR5G1 LEFT FUSELAGE

(RDLB04)

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUJFLR 40.000 FLAP -18.000

SYMBOL X/L ALPHA BETA  
□ .828 3.040 .000  
◇ .885 -1.000  
△ .926  
△ .964



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0





310050742F1W87E18VSR5G1 LEFT FUSELAGE

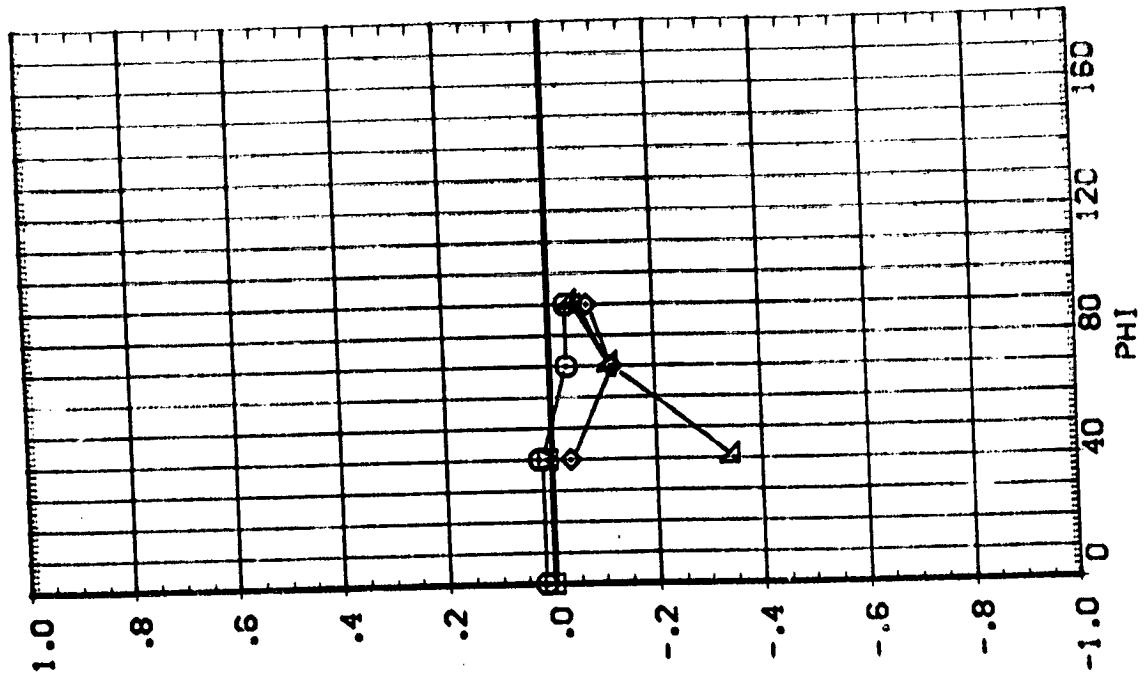
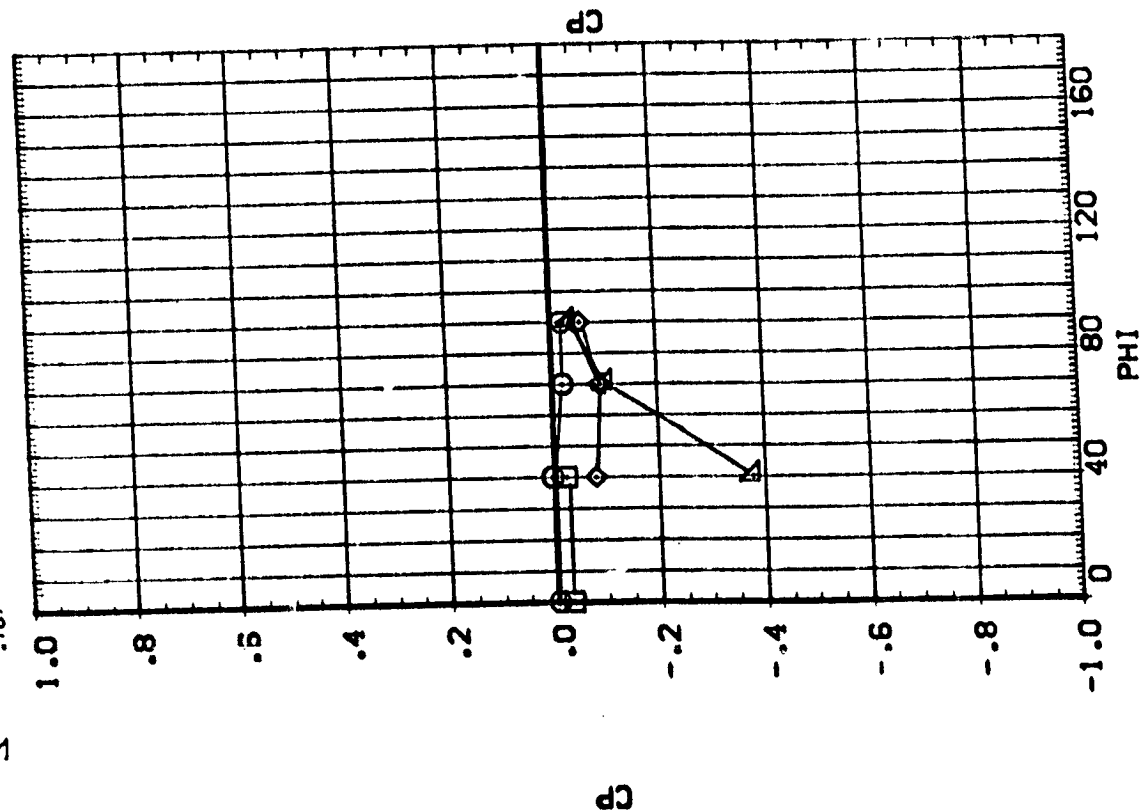
[RDLB04]

SYMBOL

$\nabla$  .512  
 $\square$  .587  
 $\diamond$  .663  
 $\triangle$  .738  
 $\circ$  .787

ALPHA .010  
BETA .000

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RDOFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0

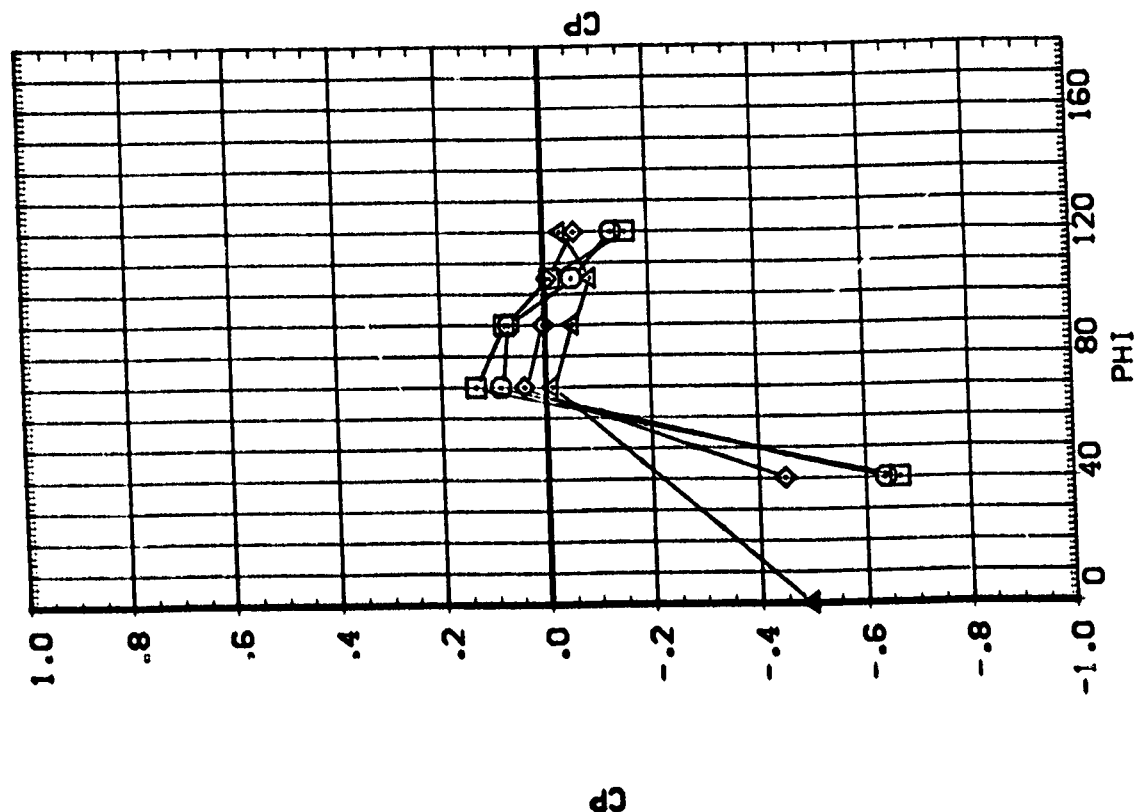
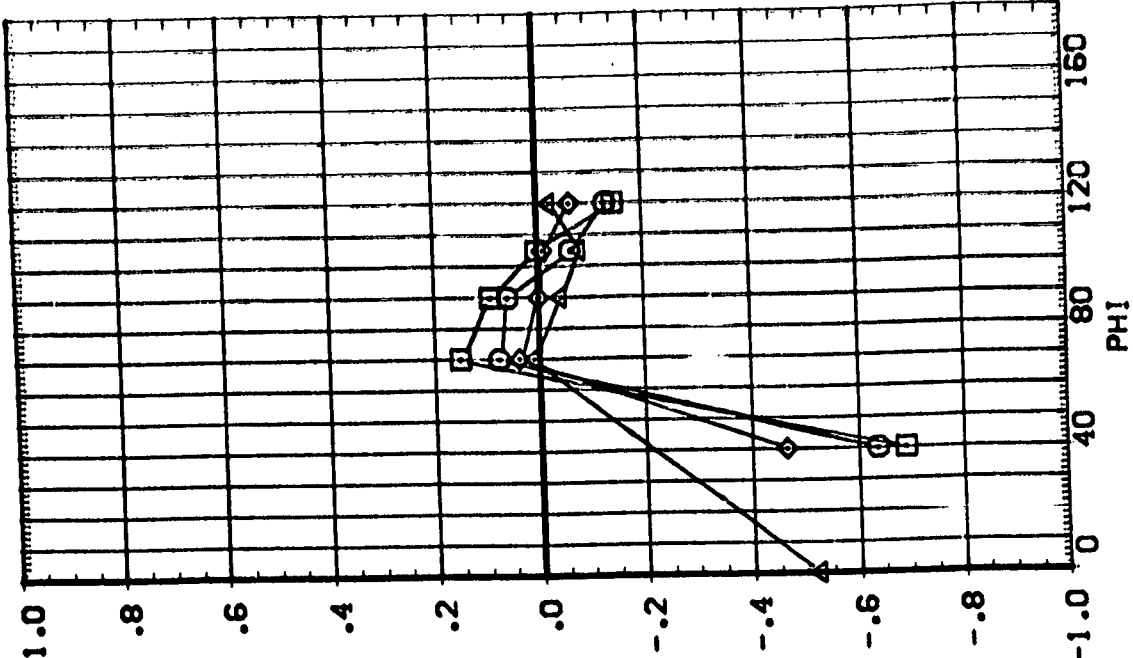


B10C507M2F1W87E18V5R5G1 LEFT FUSELAGE

(RDLB04)

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000

SYMBOL X/L ALPHA BETA  
◇ .828 .010 .000  
○ .885 .990  
□ .976  
△ .964



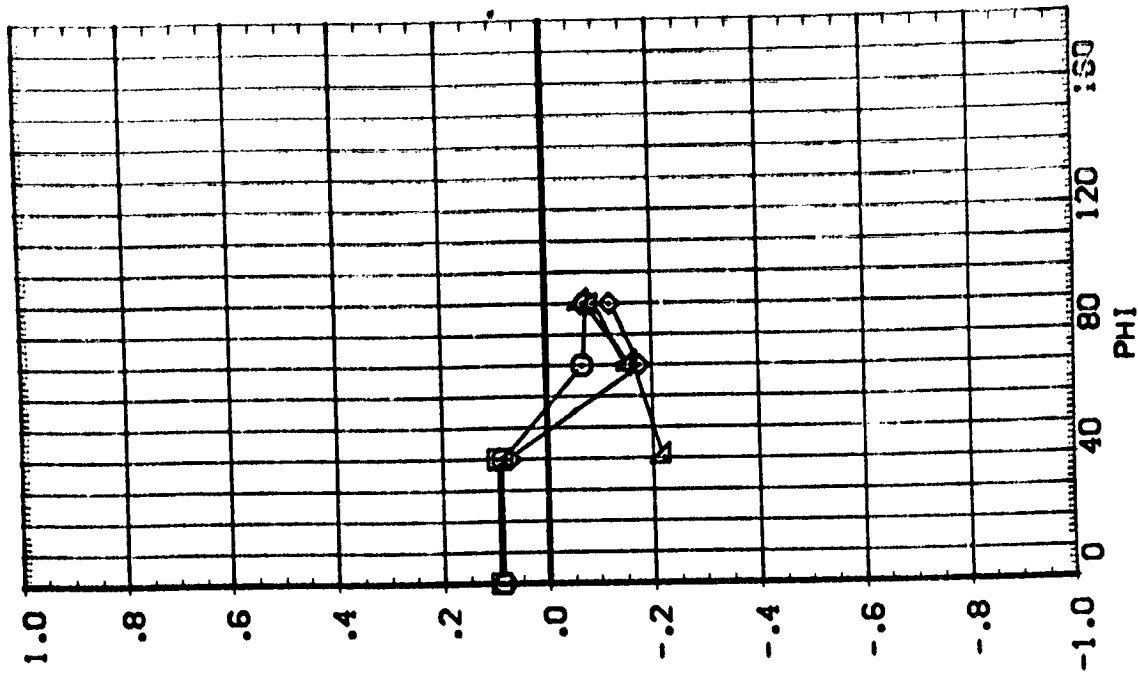
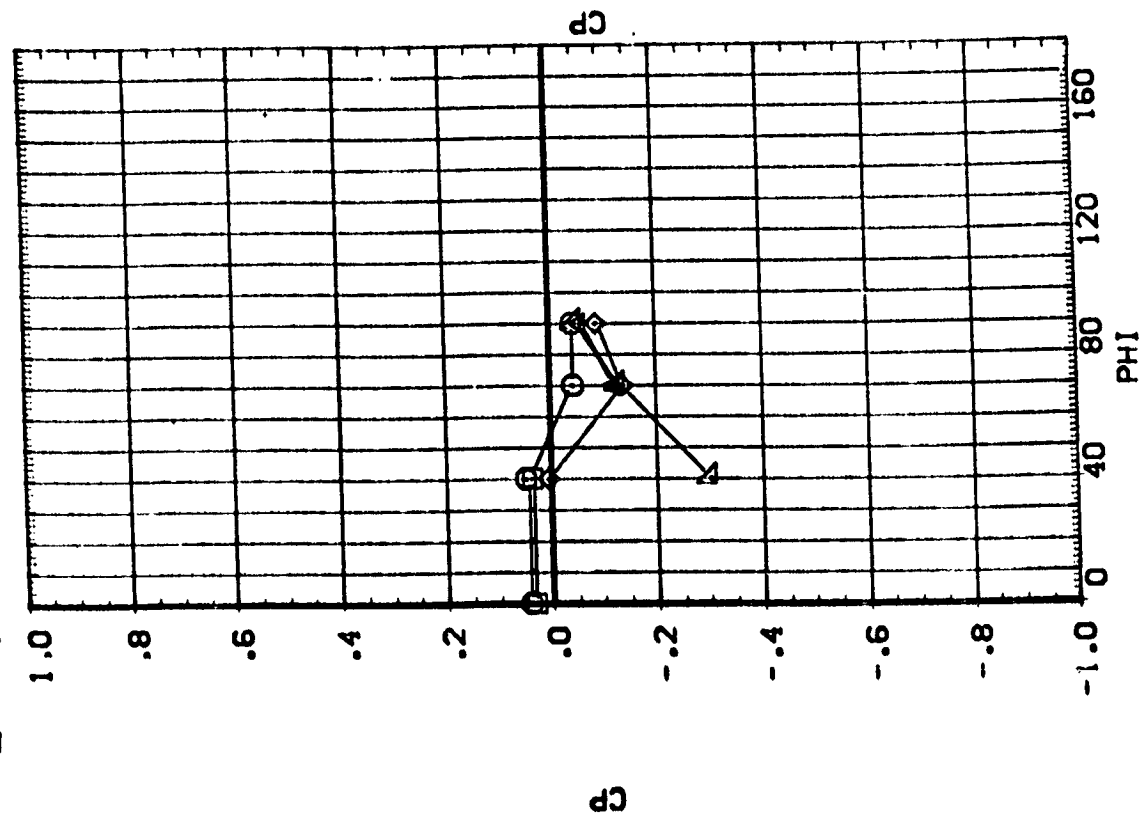
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0

6100507N2F1W87E18V5R5G: LEFT FUSELAGE

(RDL304)

SYMBOL X/L ALPHA BETA  
 0.512 2.030 .000  
 0.587 4.030  
 0.663  
 0.738  
 0.787

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUOFFLR 40.000 FLAP -18.300



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0

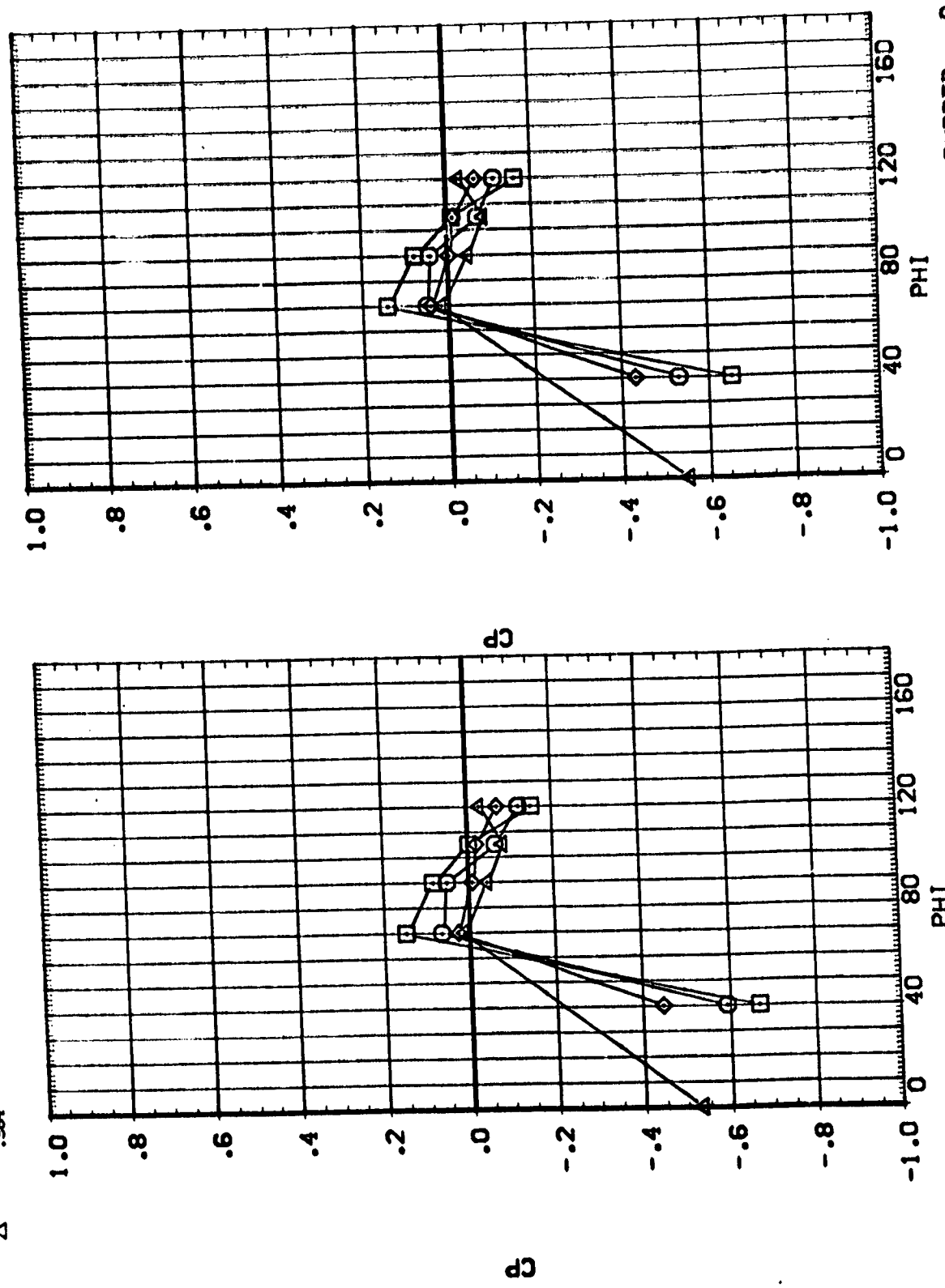


310C5D/M2F1W87E18V5R5G1 LEFT FUSELAGE

(RDLB04)

SYMBOL X/L ALPHA BETA  
 .828  
 .885  
 .926  
 .964

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUOFFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0  
 PAGE 353



310C507M2F1W87E18V5R5S1 LEFT FUSELAGE

(ROL804)

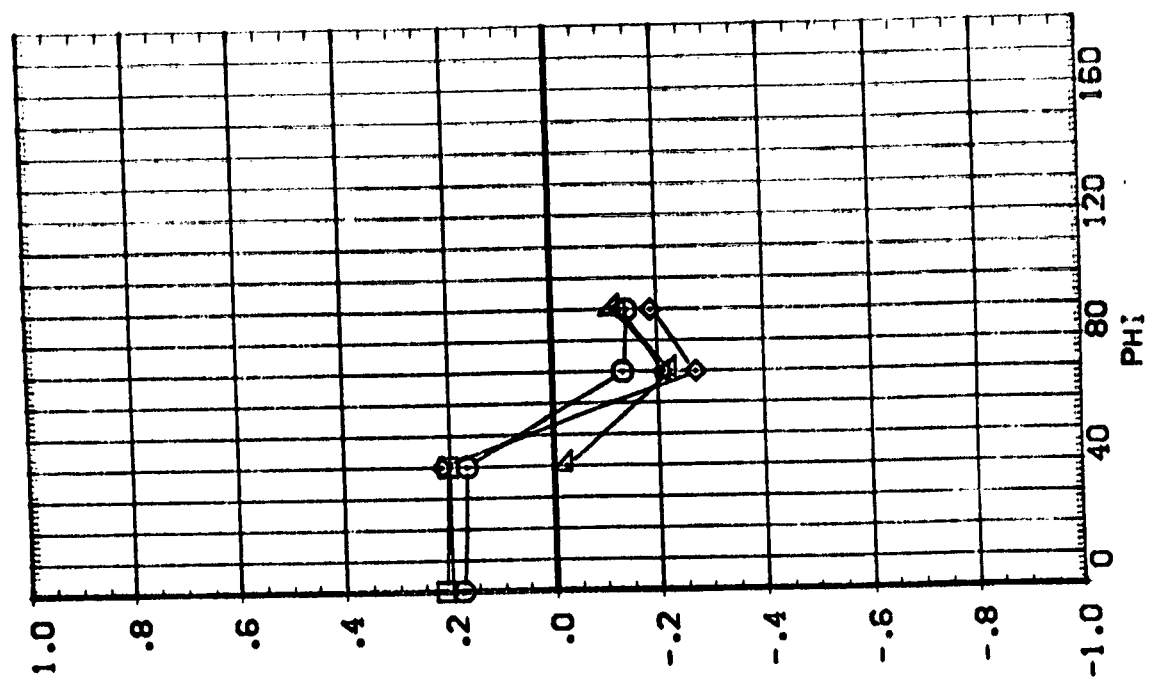
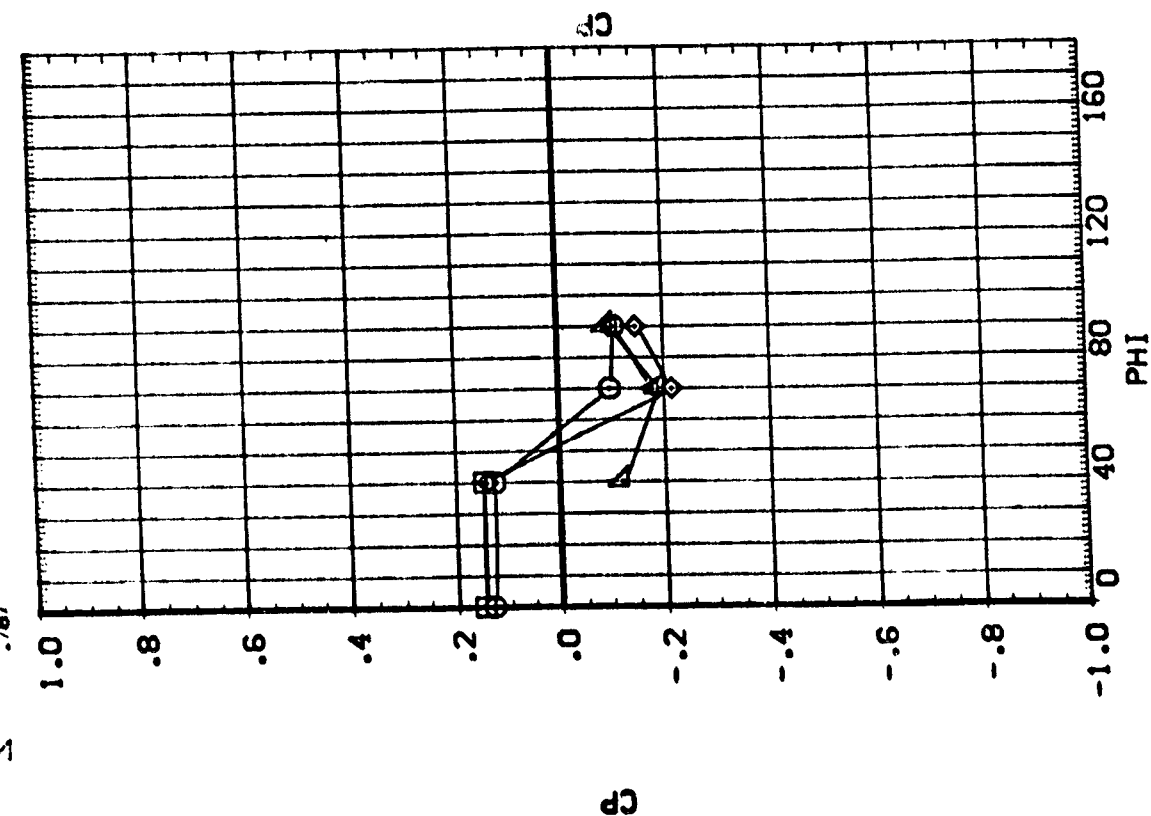
SYMBOL

XL  
.512  
.587  
.663  
.738  
.787

ALPHA  
6.08C  
8.11C

BETA  
.010

PARAMETRIC VALUES  
ELEVTR -20.00C RUDDER .00C  
RDEFLR 40.00C FLAP -18.00C



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0



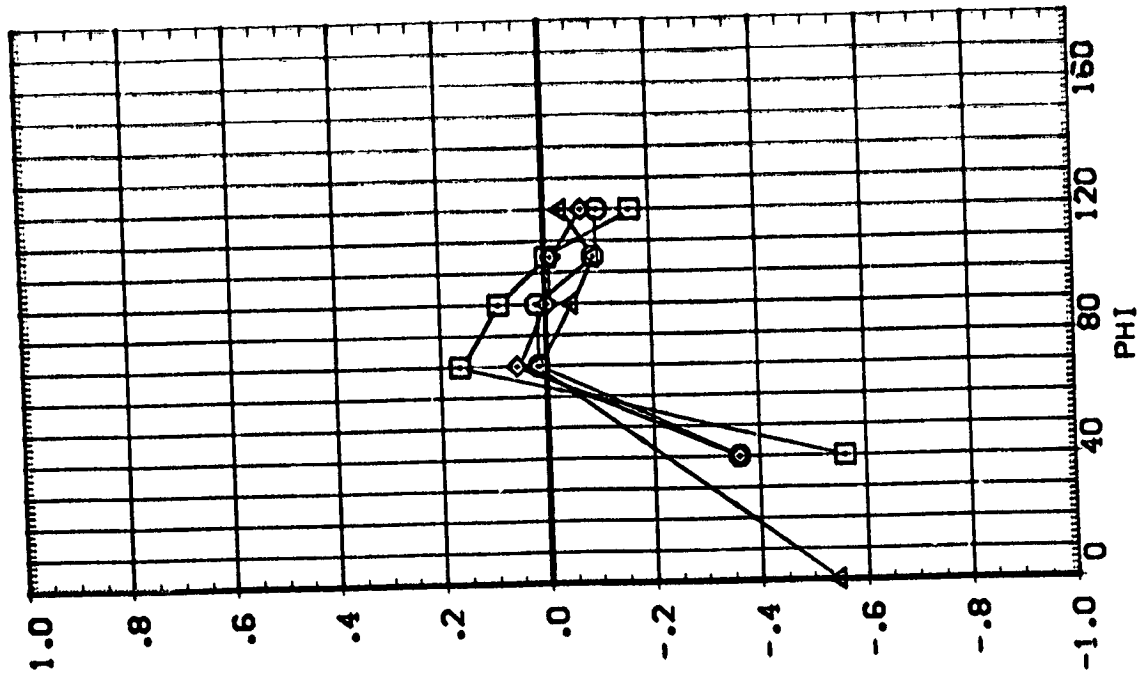
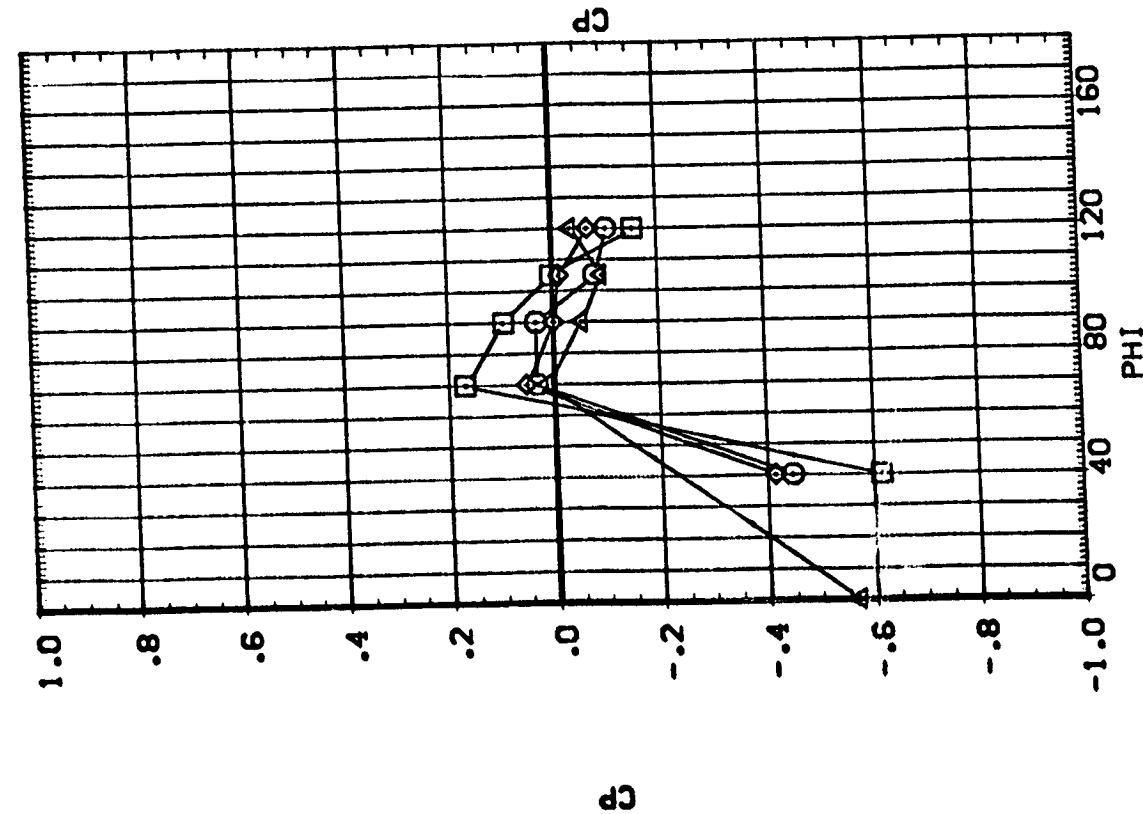
(RDLB04)

B10C507M2F1W87E18V5R5G1 LEFT FUSELAGE

SYMBOL  
 X/L  
 O I D Δ

ALPHA BETA  
 6.080 .010  
 8.110  
 .828  
 .885  
 .926  
 .964

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0

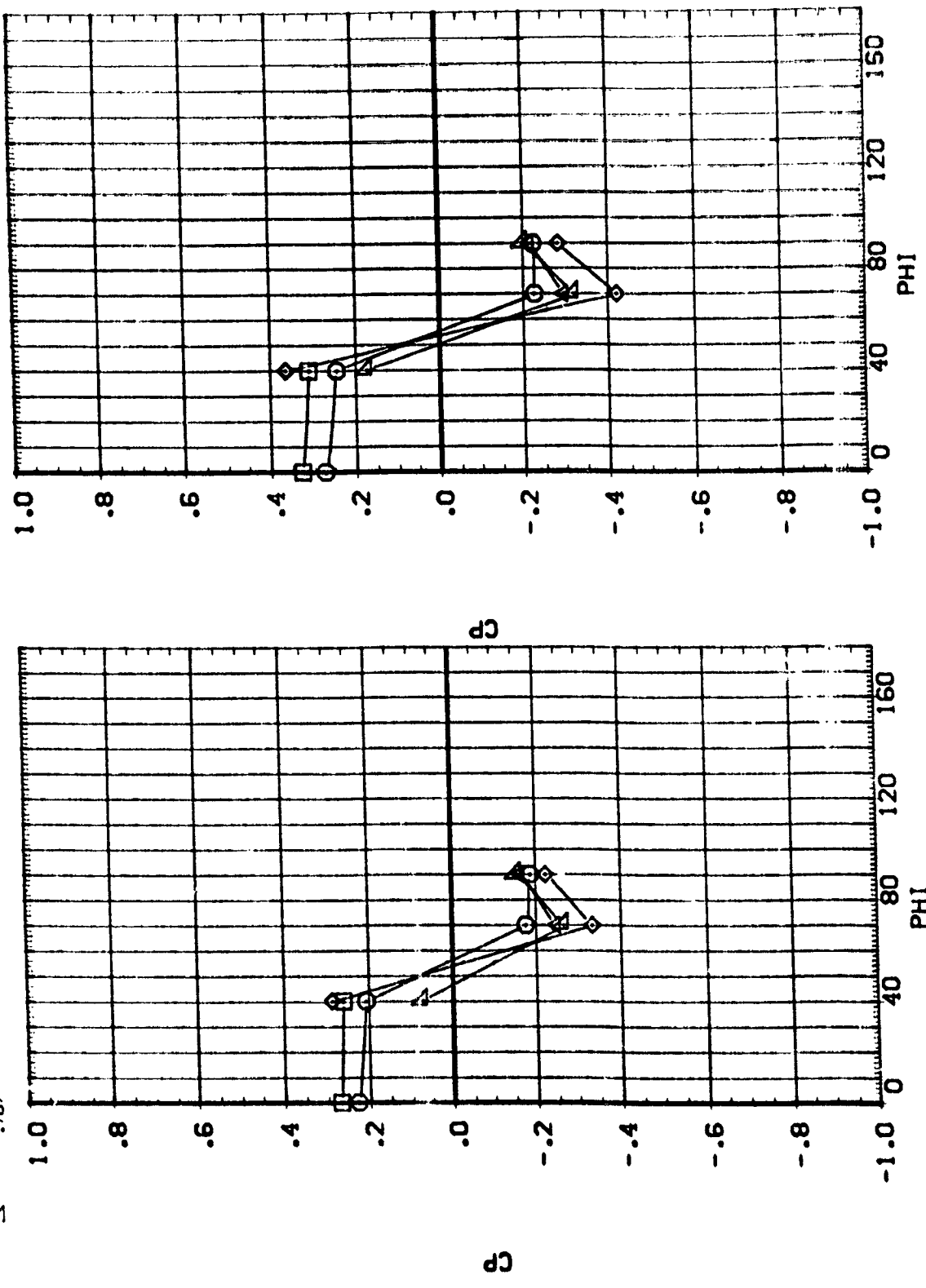


3:00507M2F1W87E18V5R5G: LEFT FUSELAGE

(RDLB04)

SYMBOL XL ALFA BETA  
◇ .512 :0.120 .000  
○ .587 :2.200  
△ .663  
▽ .738  
▽ .787

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RJDFLR 40.000 FLAP -18.000



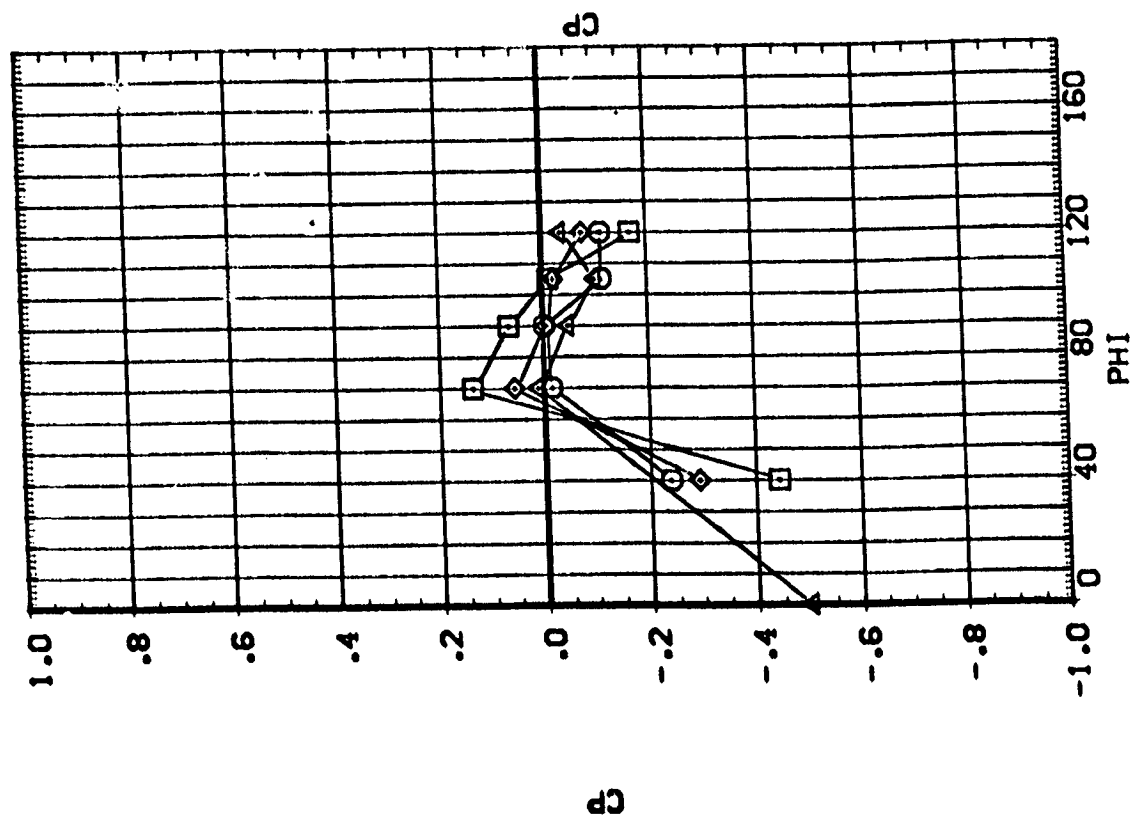
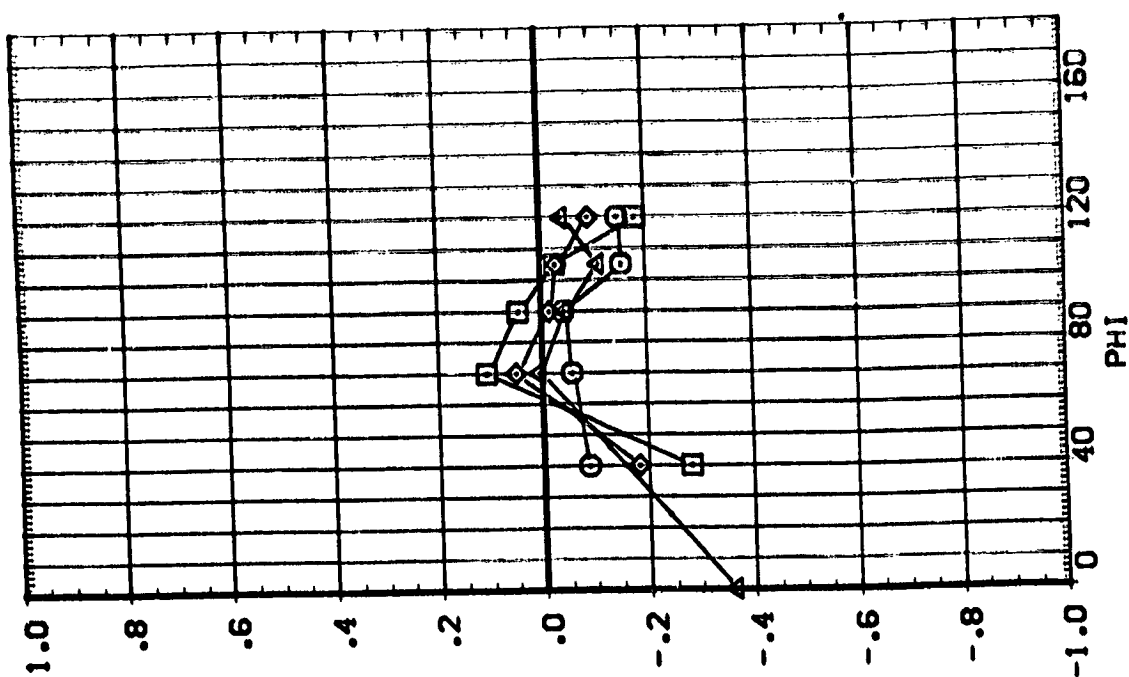
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0



810C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

(RDLB04)

SYMBOL	X/L	ALPHA	BETA	PARAMETRIC VALUES		
				ELEVTR	-20.000	RUDDER
□	.828	10.120	.000	RJDFLR	40.000	FLAP
◇	.885	12.200				
△	.926					
	.964					



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0





3100507M2F1W87E:8V5R5G: LEFT FUSELAGE

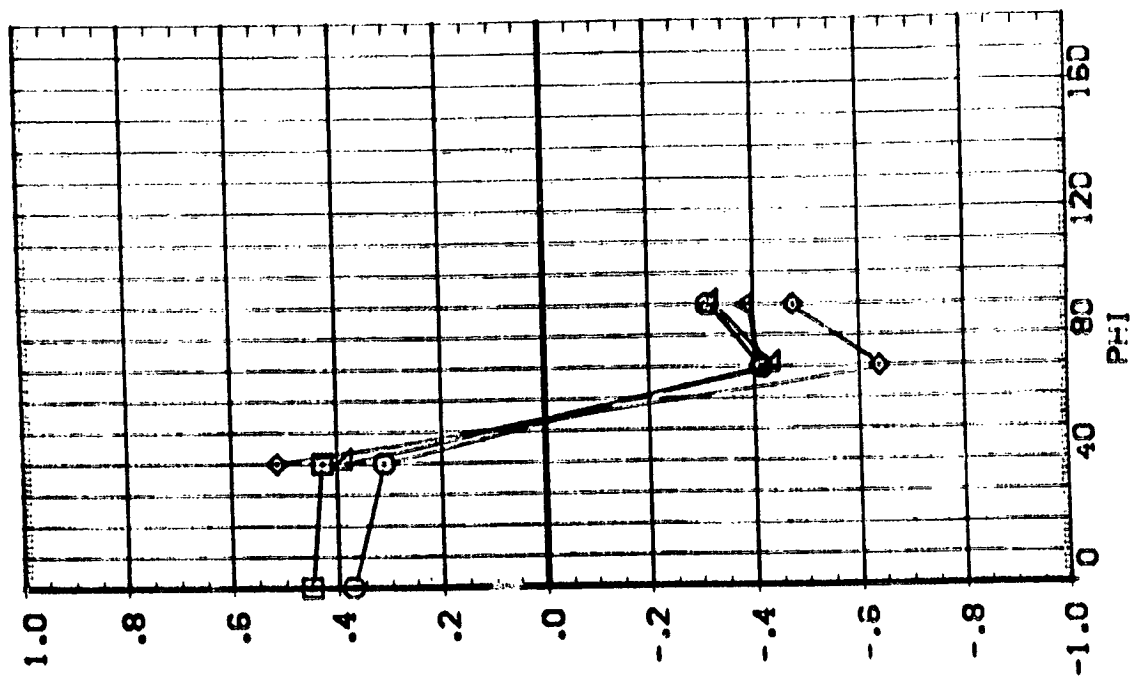
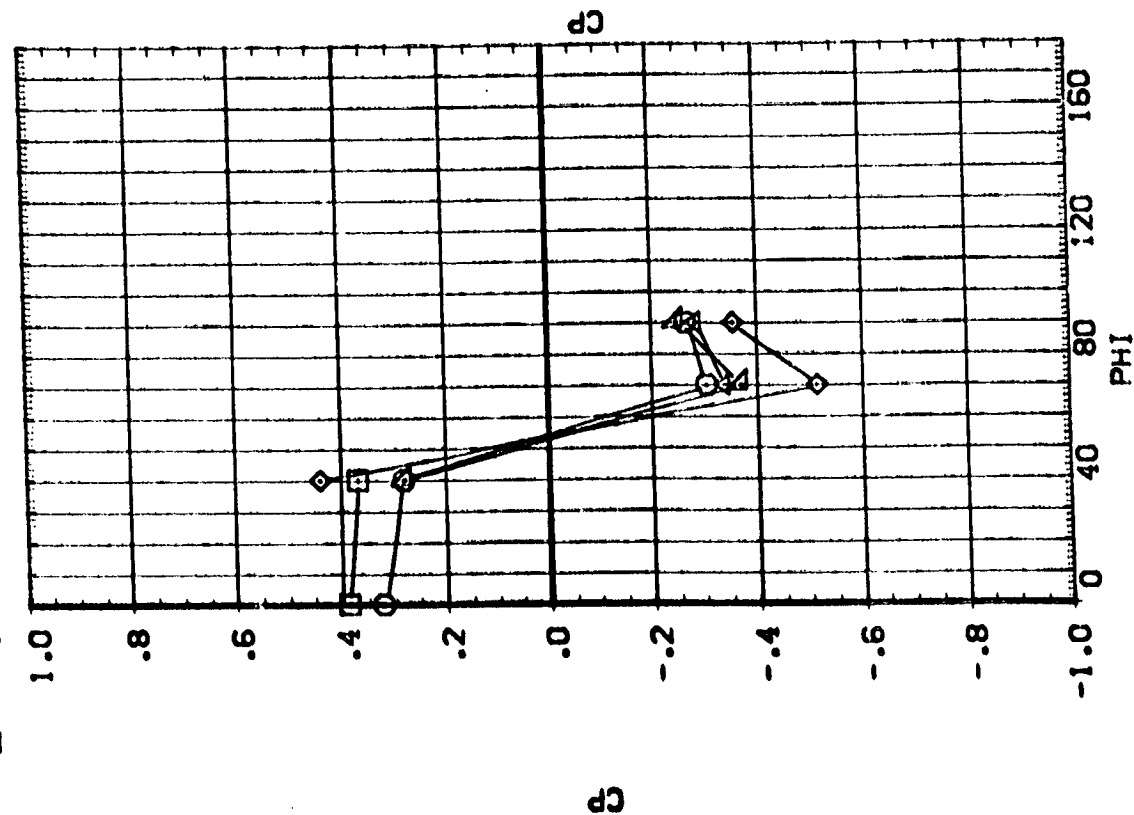
(RDLBC4)

SYMBOL

ALPHA  
:5.2  
:4.24C  
:6.23C

BETA  
:0.00C

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RDLFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = -20 DEG., RUDDER = 0

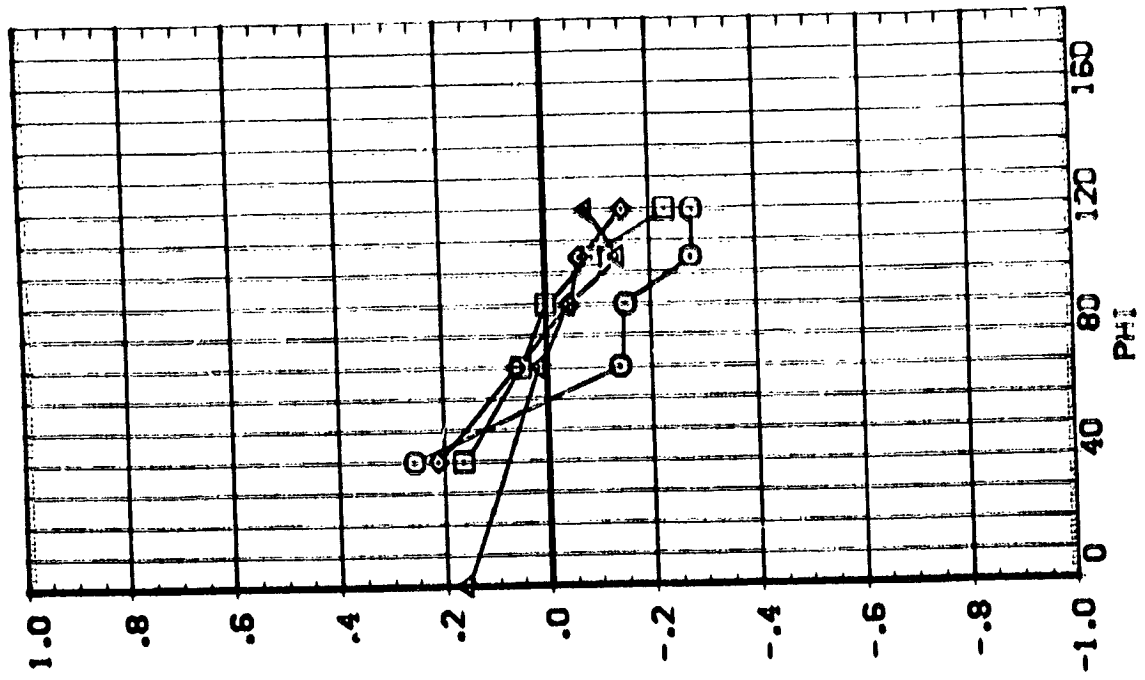
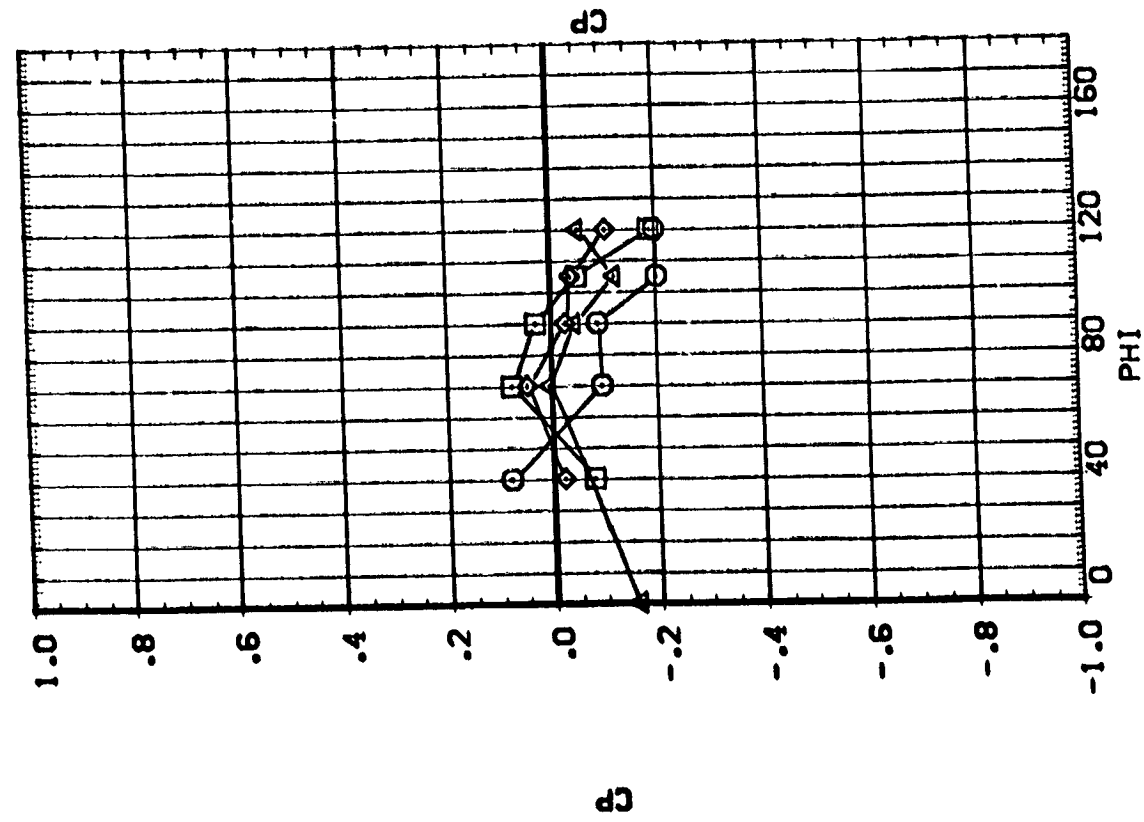


310C507M2F1W87E18V5R5G1 LEFT FUSELAGE

(RDLB04)

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUFELR 40.000 FLAP -18.000

SYMBOL X/L ALPHA BETA  
O .828 14.240 .000  
□ .865 16.230  
◇ .926  
△ .964



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0

≡

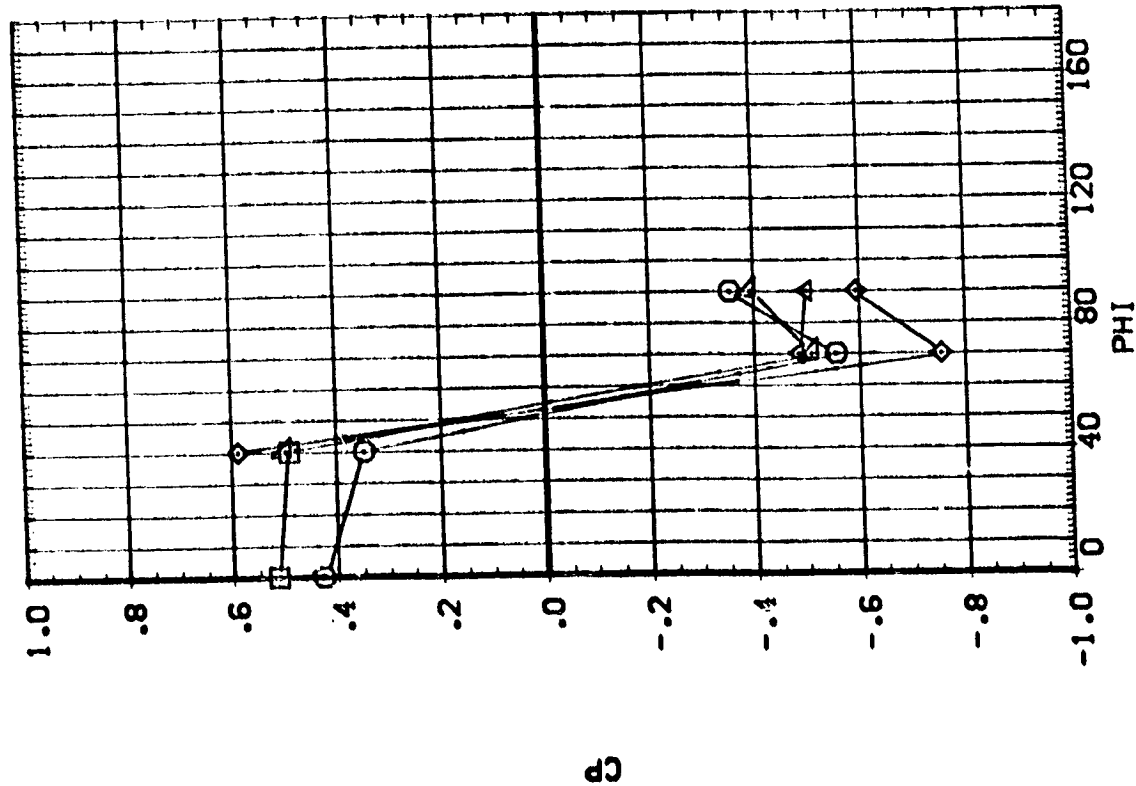
B100507M2F:W87E18VSR5G: LEFT FUSELAGE

(PD-304)

SYMBOL  
011044

M/L ALPHA BETA  
.512 18.300 .000  
.587  
.663  
.738  
.787

PARAMETRIC VALUES  
ELEVTR -20.00 RUDDER .00  
RUDLR 40.00 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0

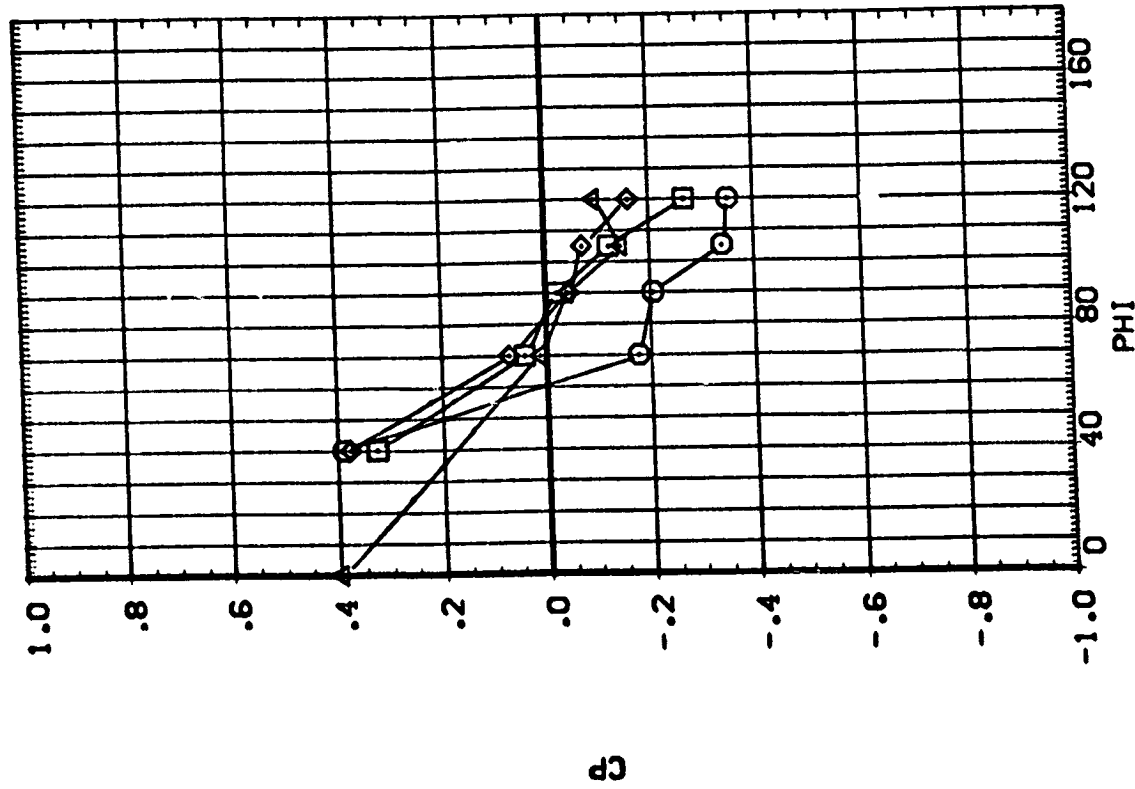


B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

(RDLB04)

SYMBOL X/L ALPHA BETA  
○ .828 .000  
□ .885  
◇ .926  
△ .964

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUOFLR 40.000 FLAP -18.000



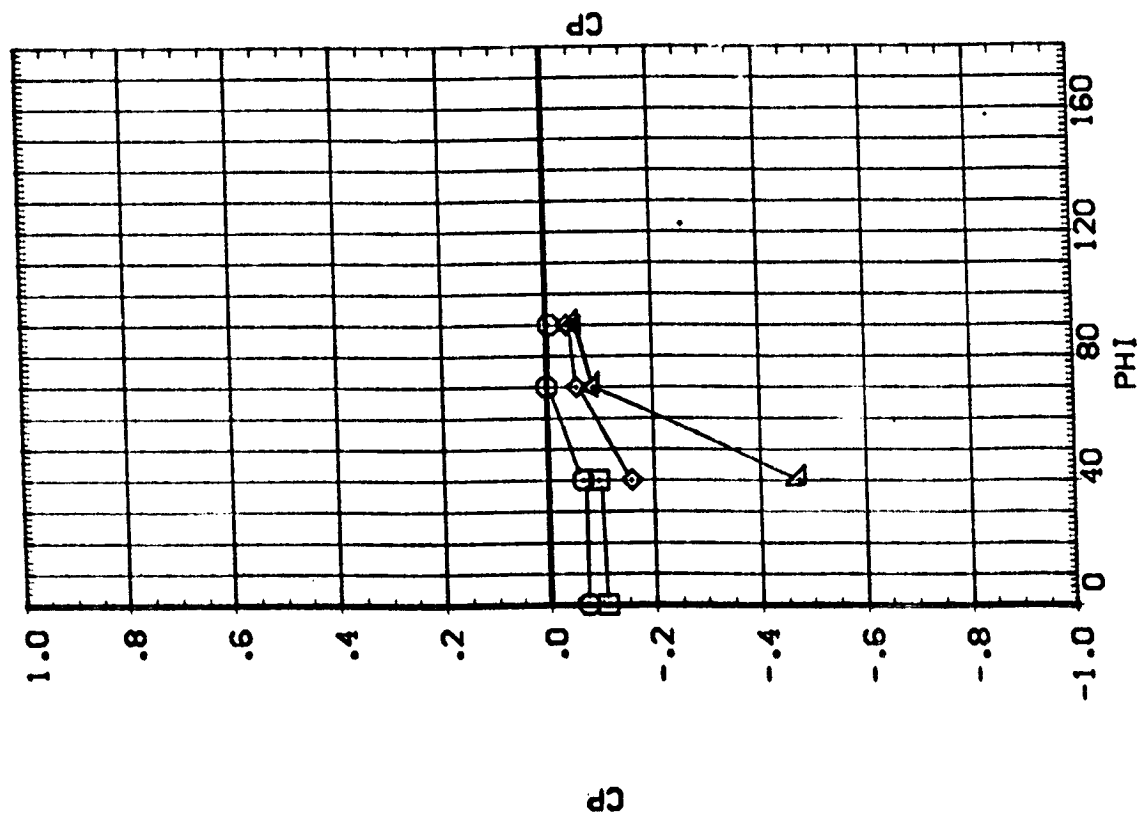
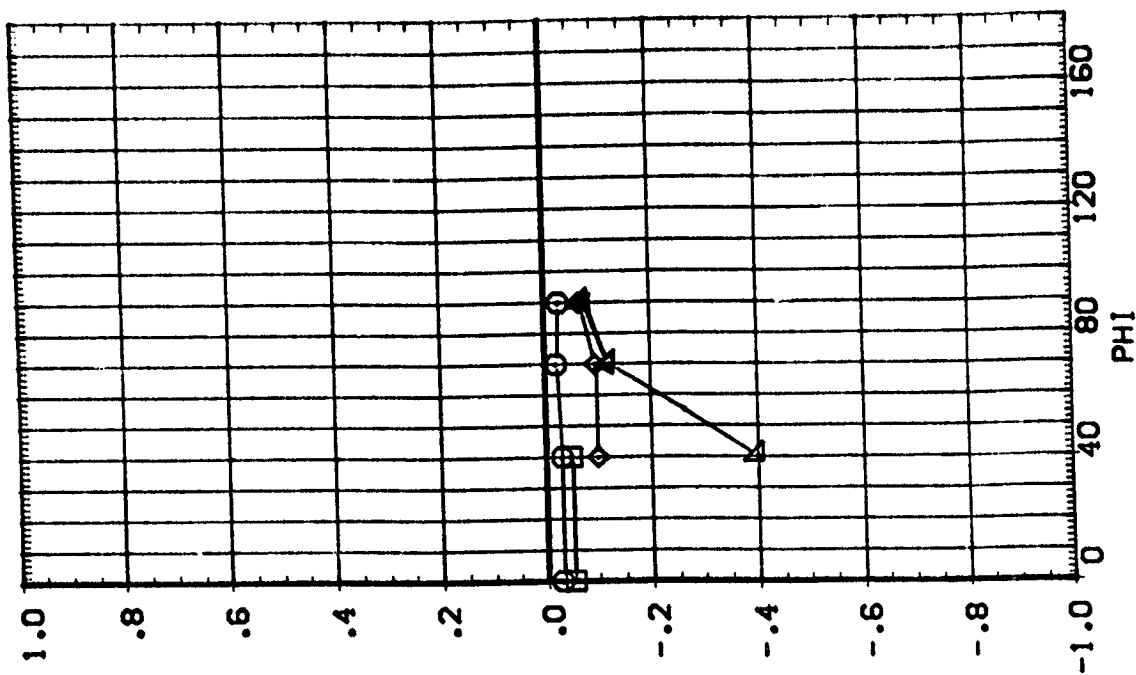
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0  
PAGE 371

(RDLB04)

310C507M2F1W87E18V5R5G1 LEFT FUSELAGE

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000

SYMBOL X/L ALPHA BETA  
O .512 -3.030 5.000  
L .587 -1.010  
D .663  
A .738  
A .787



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0

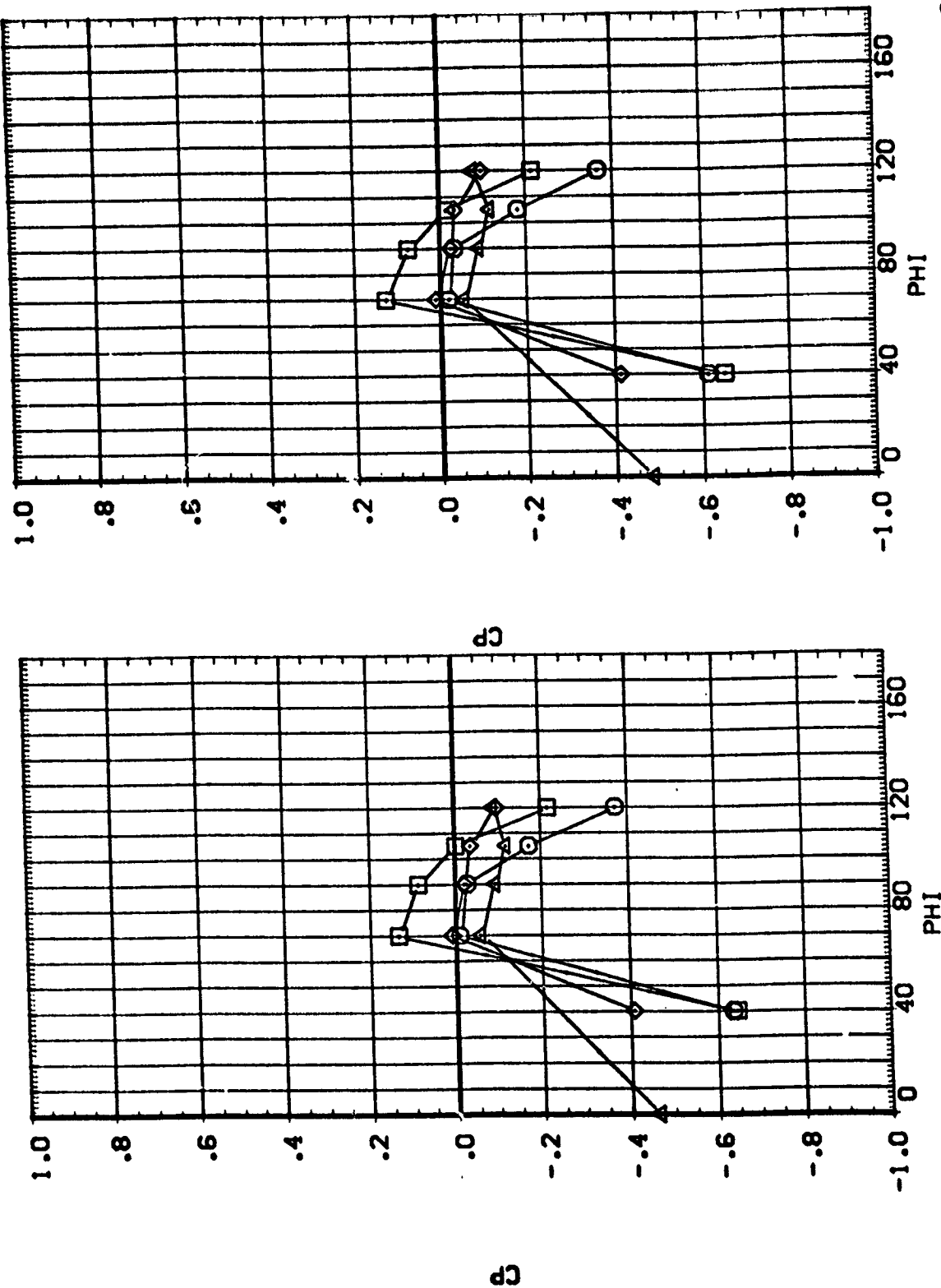


B10C5D7M2F1W87E18VSR5G1 LEFT FUSELAGE

(RDLB04)

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RDLFLR 40.000 FLAP -18.000

SYMBOL X/L ALPHA BETA  
□ .828 -3.030 5.000  
○ .885 -1.310  
◇ .926  
△ .954



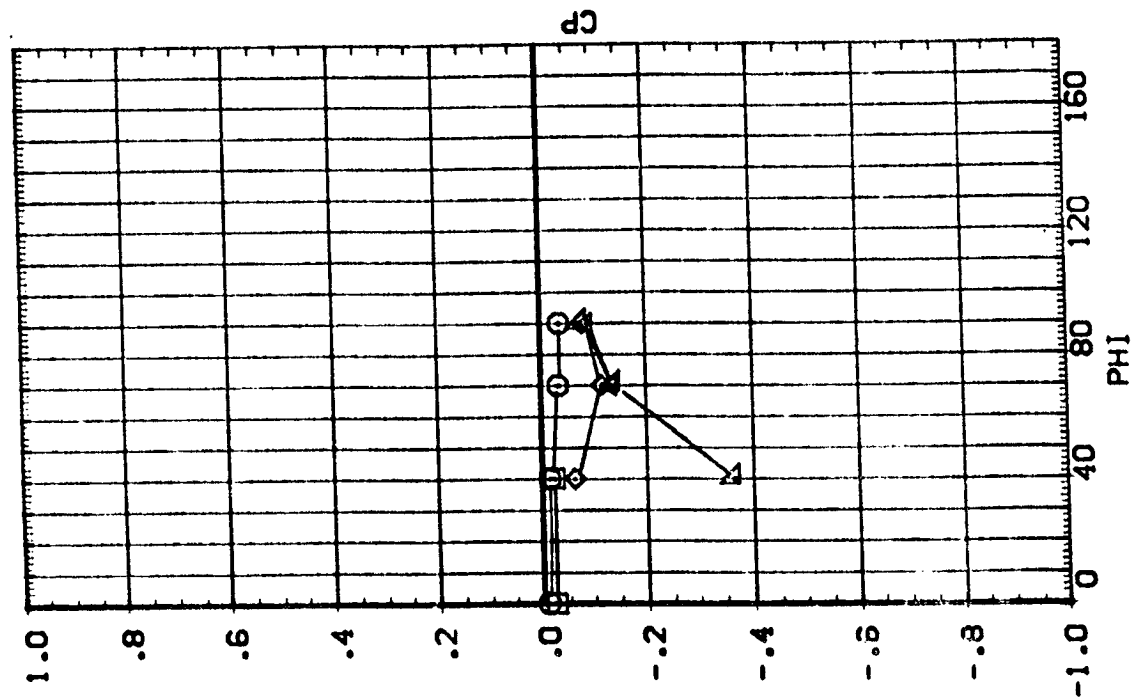
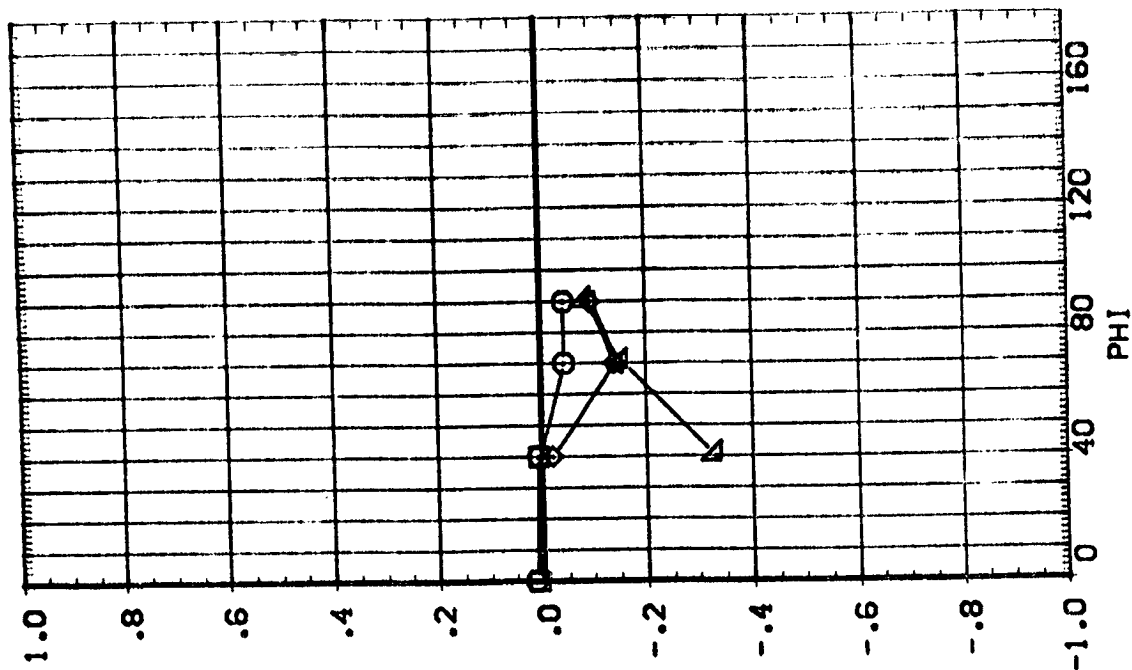
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0

(RDLB04)

B:00507M2F1W87E18V5R5G1 LEFT FUSELAGE

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUJFLR 40.000 FLAP -18.000

SYMBOL ALPHA BETA  
 .512 .010 5.000  
 .587 .990  
 .663  
 .738  
 .787



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0  
 PAGE 374

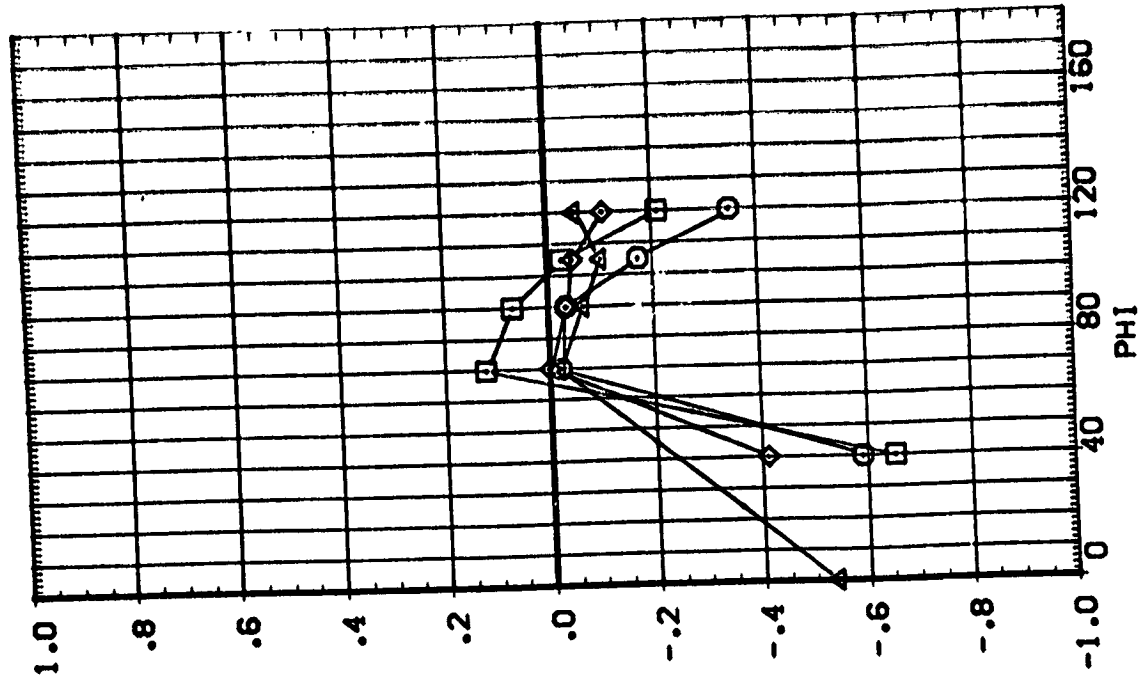
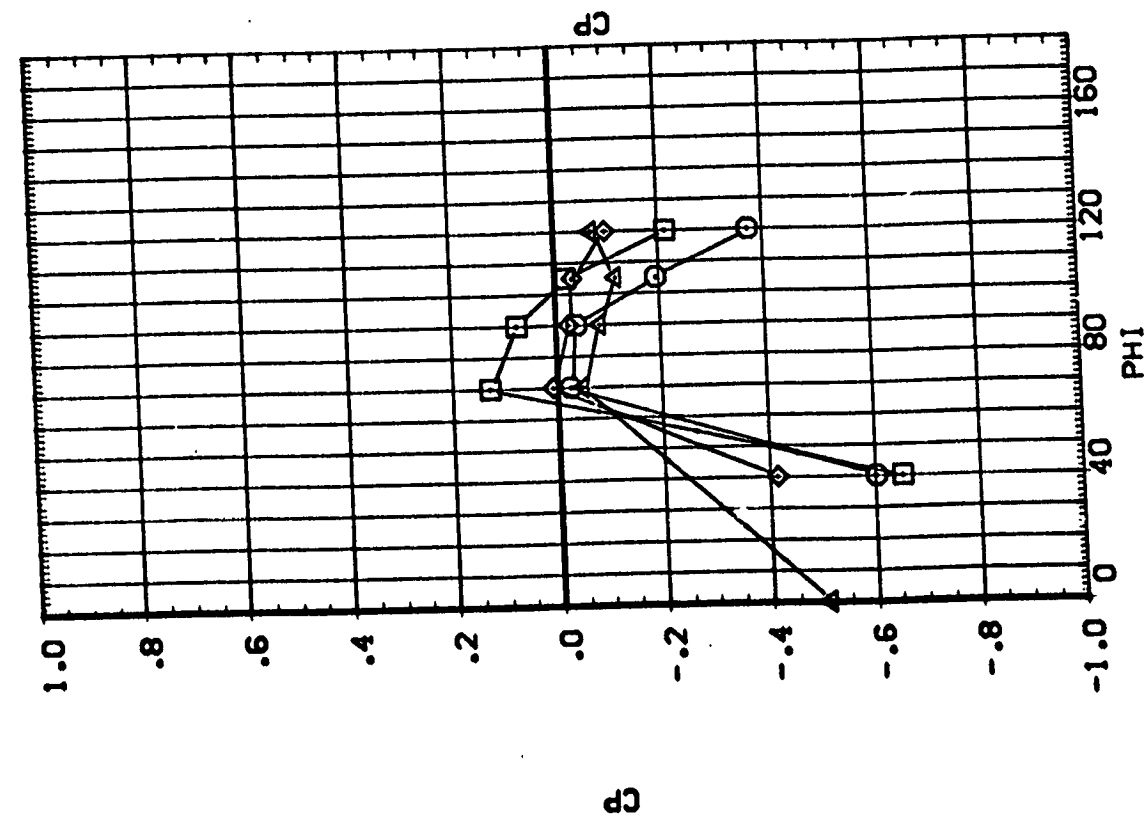


B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

(RDLB04)

SYMBOL X/L ALPHA BETA  
 .828 .010 5.000  
 .885 .990  
 .926  
 .964

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUDDFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0





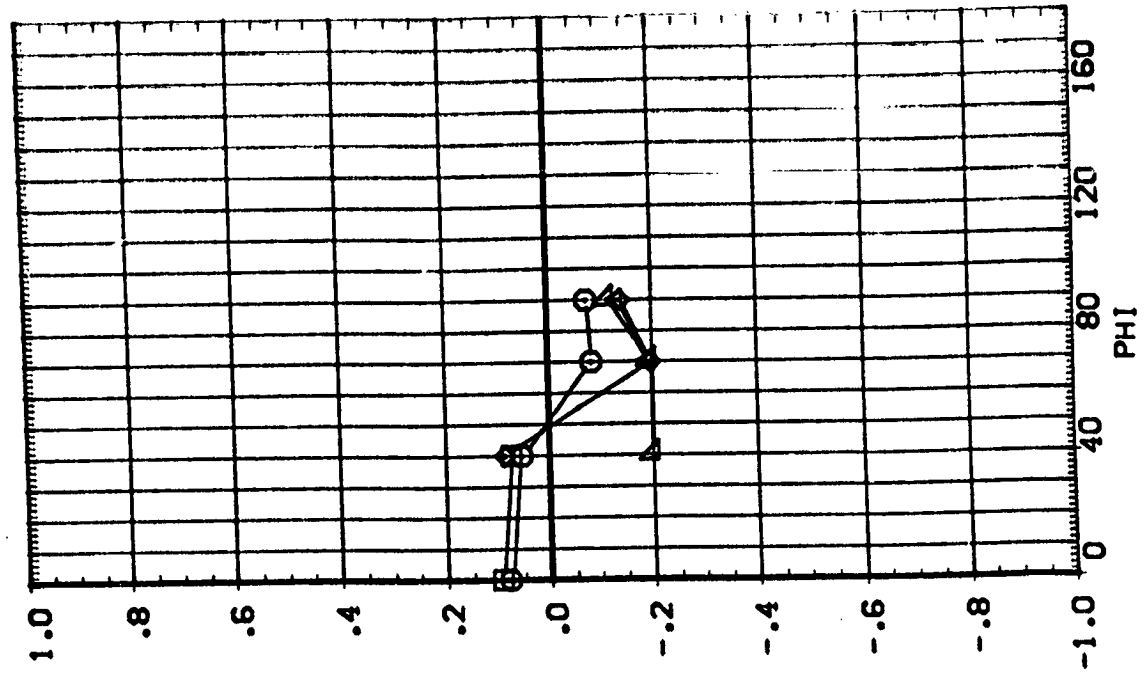
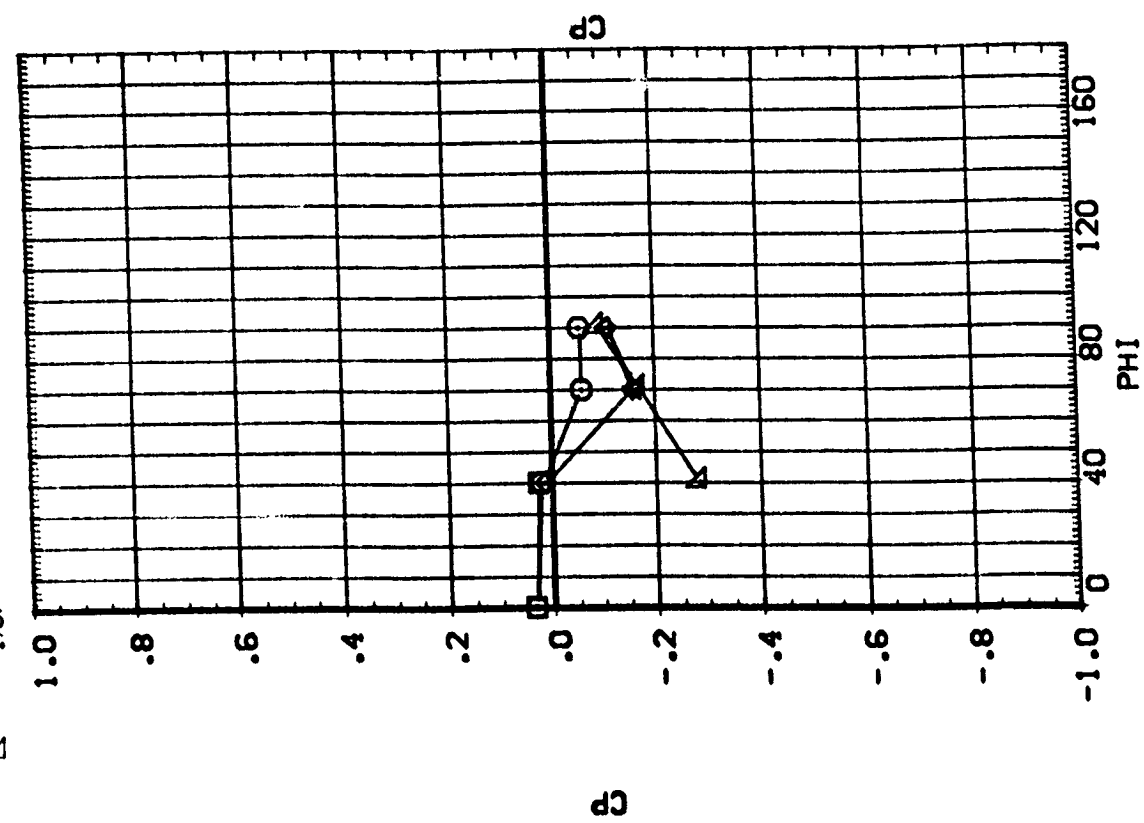
B10C507M2F1W87E18VSR5G1 LEFT FUSELAGE

(RDLB04)

SYMBOL  
▽  
◇  
□  
○  
△

X/L    ALPHA    BETA  
.512    2.020    5.010  
.587    4.020  
.663  
.738  
.787

PARAMETRIC VALUES  
ELEVTR    RUDER    .000  
RJDFLR    FLAP    -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = -20 DEG., RUDER = 0  
PAGE 376

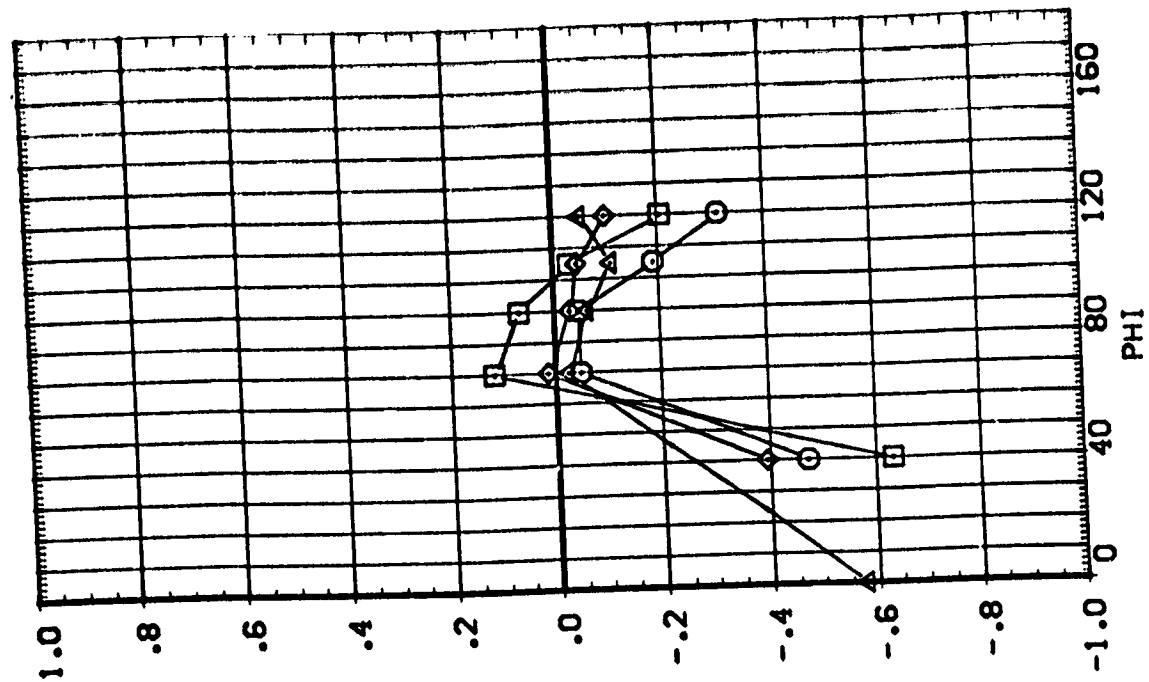
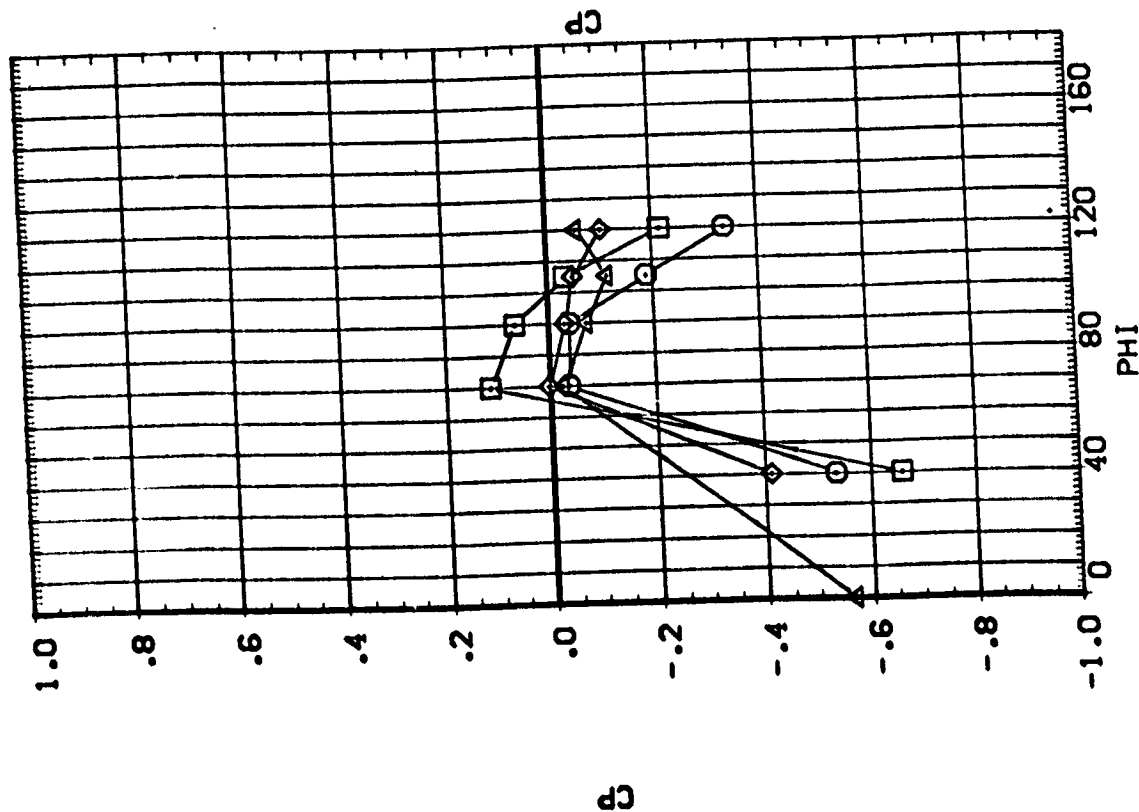


B10C507M2F:W87E:8V5R5G1 LEFT FUSELAGE

(RDLB04)

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUOFLR 40.000 FLAP -18.000

SYMBOL X/L ALPHA BETA  
□ .828 2.020 5.010  
◇ .885 4.020  
△ .926  
△ .954



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0

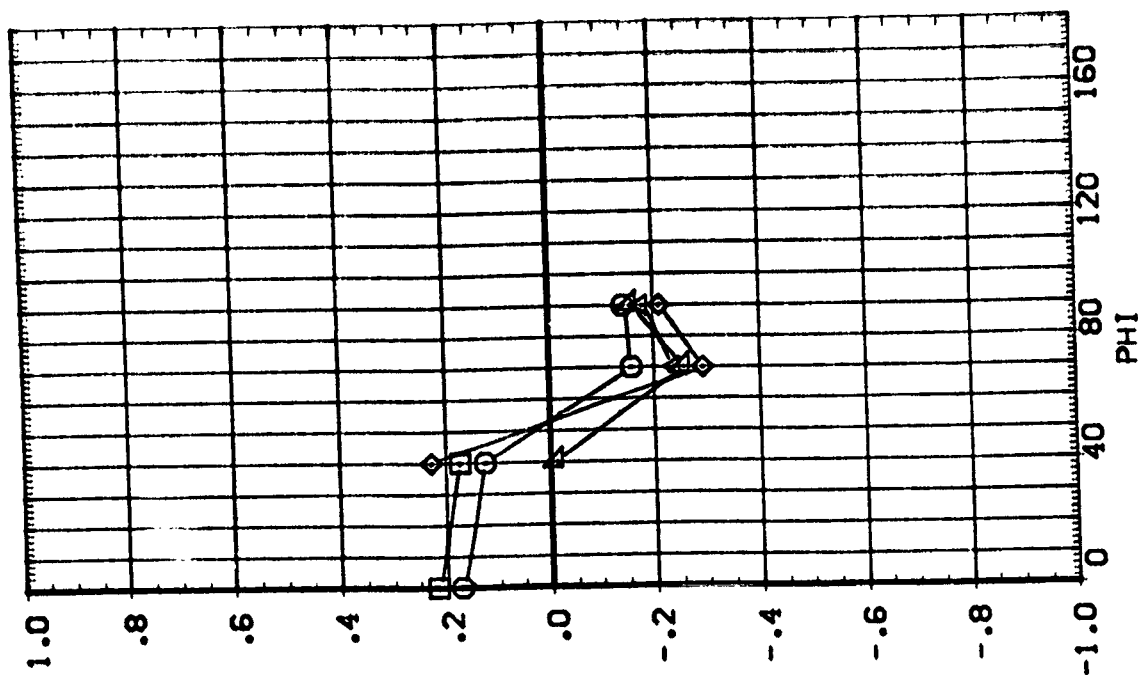
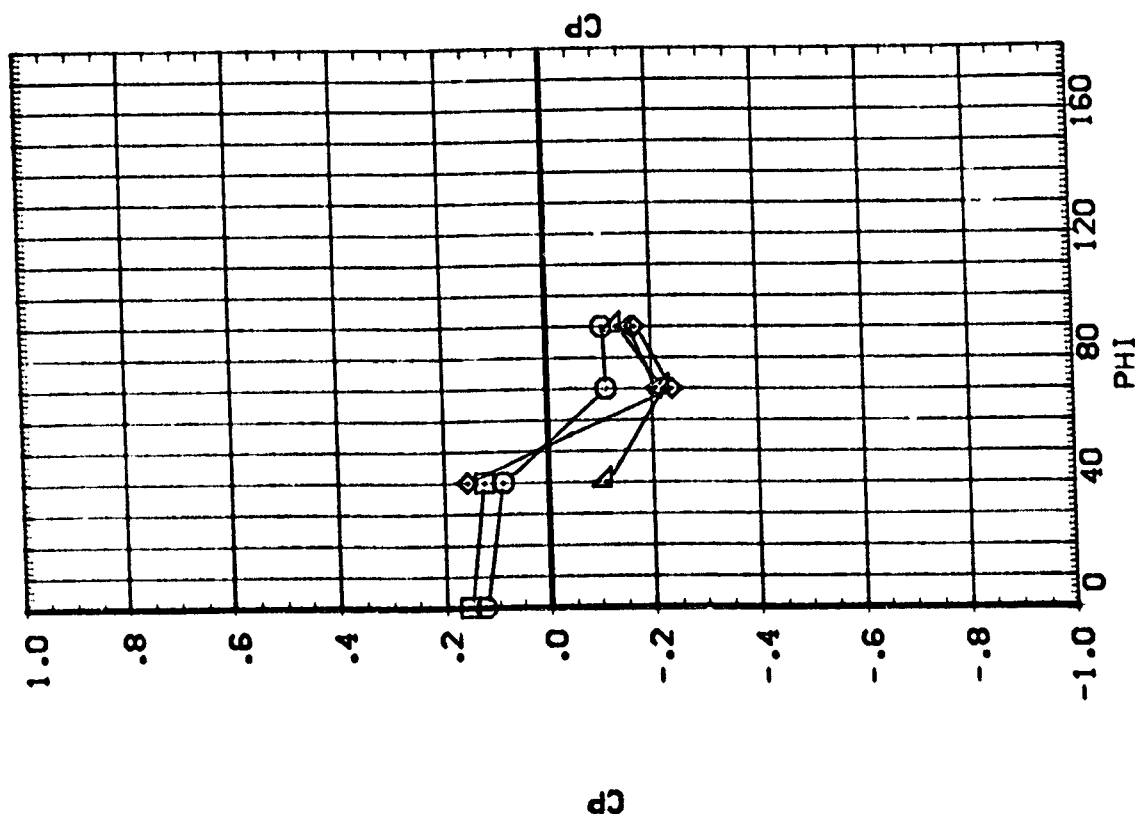
(RDLB04)

B:00507M2F:W87E18V5R5G: LEFT FUSELAGE

SYMBOL

X/L ALPHA BETA  
 .512 6.070 5.020  
 .587 8.120  
 .663  
 .738  
 .787

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUDFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0

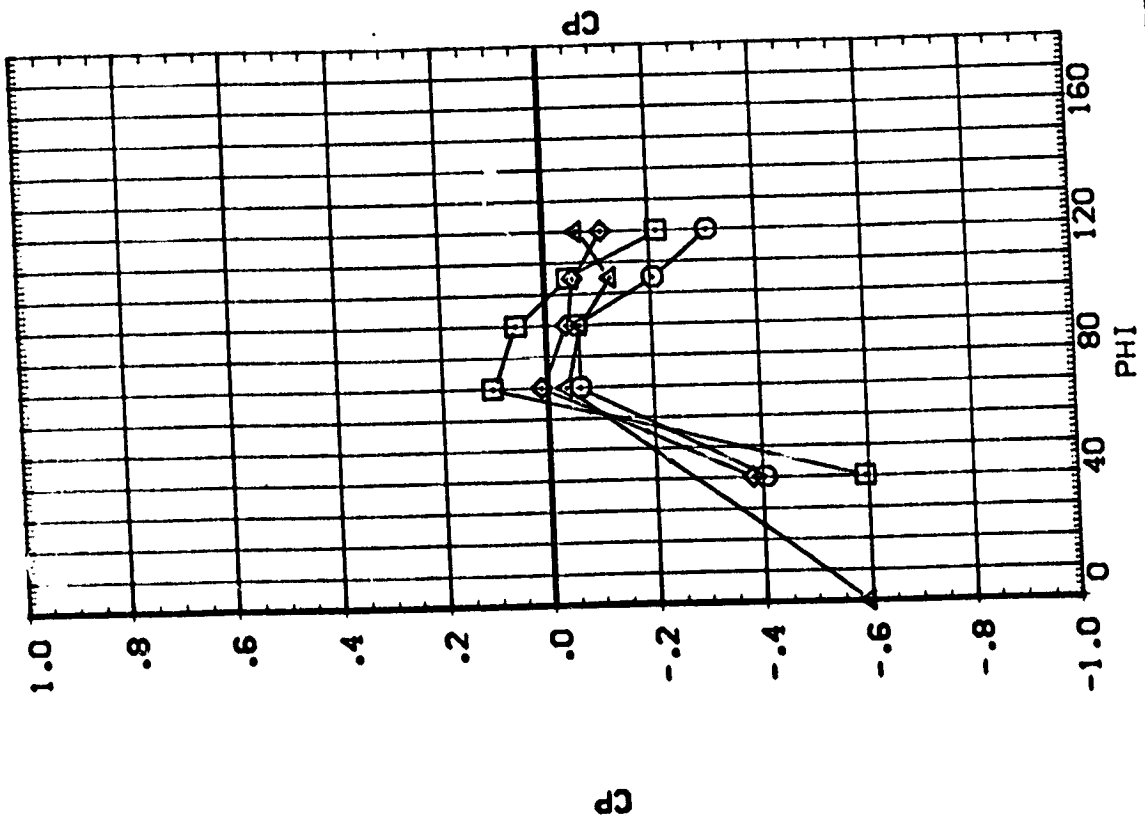
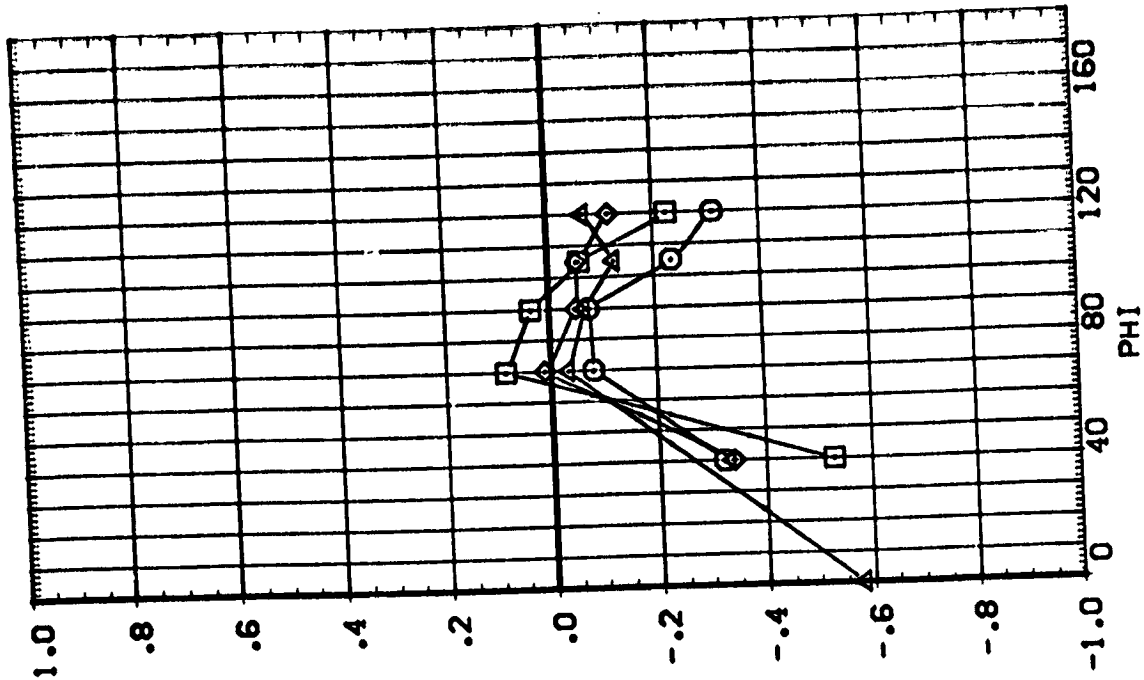


B:00507M2F1W87E18VSR5G: LEFT FUSELAGE

SYMBOL X/L ALPHA BETA  
 O .828 6.073 5.023  
 I .885  
 I .926  
 Δ .984

(RDLB04)

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



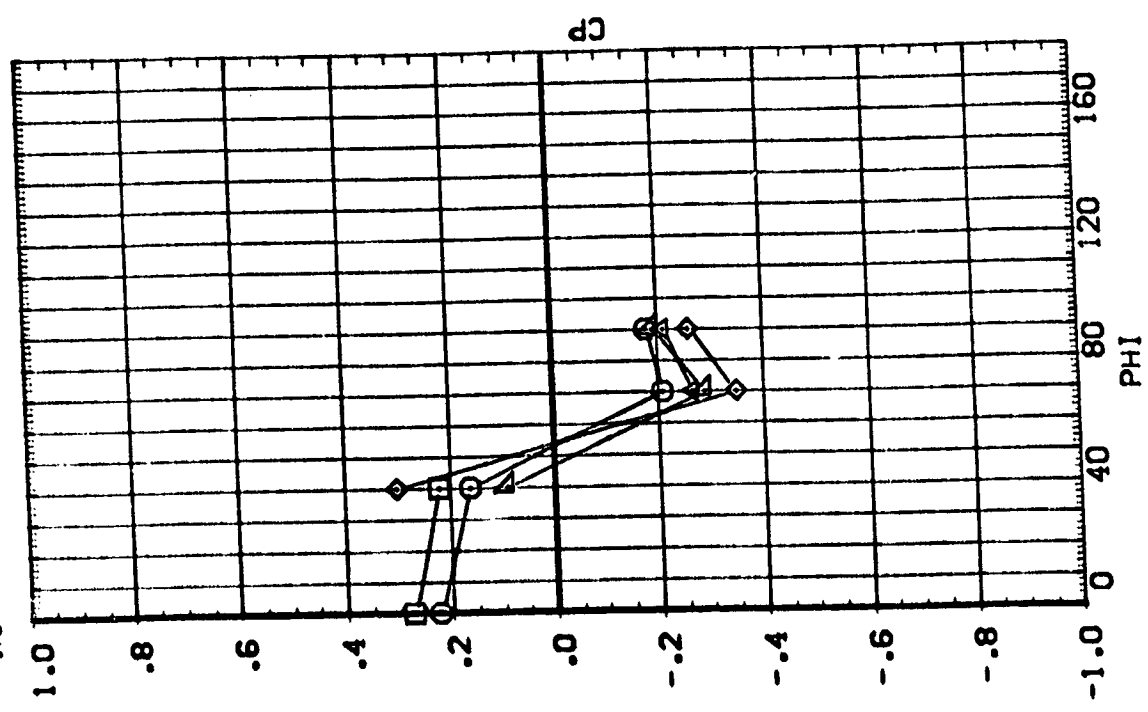
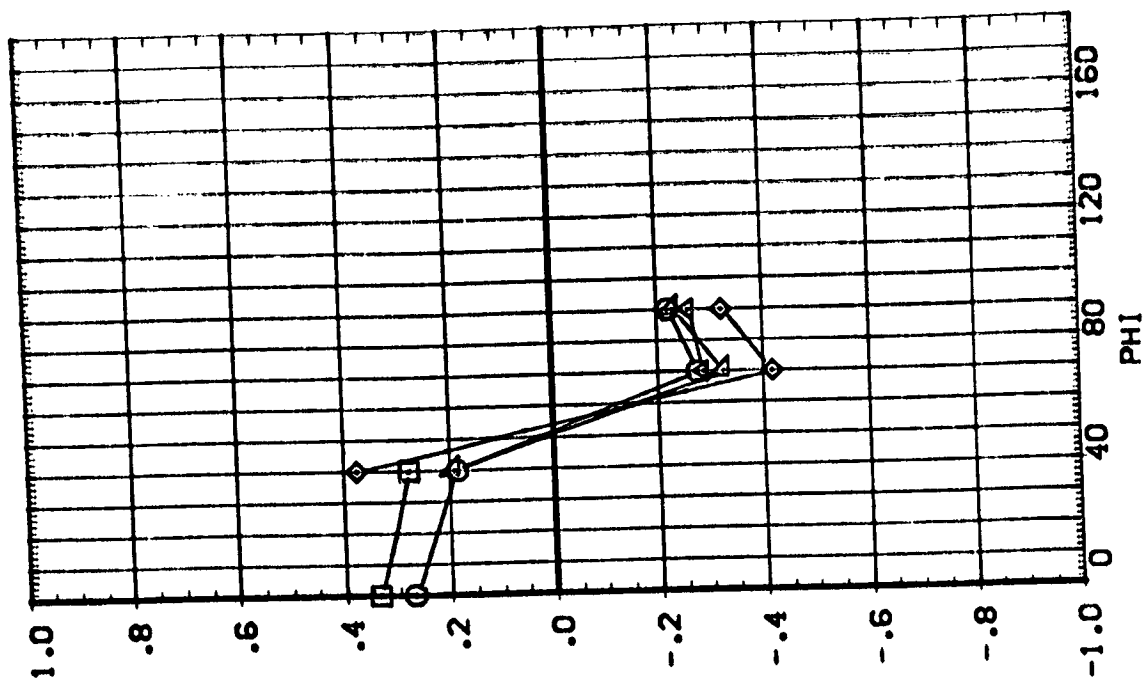
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0  
 PAGE 379

(RDLB04)

B:005072F:W87E:8V5R5G: LEFT FUSELAGE

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RDOFLR 40.000 FLAP -18.000

SYMBOL X/A ALPHA BETA  
.512 10.160 5.000  
.587 12.180  
.663  
.738  
.787



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0  
PAGE 380



B:00507M2F:W87E18V5R5G1 LEFT FUSELAGE

(RDLB04)

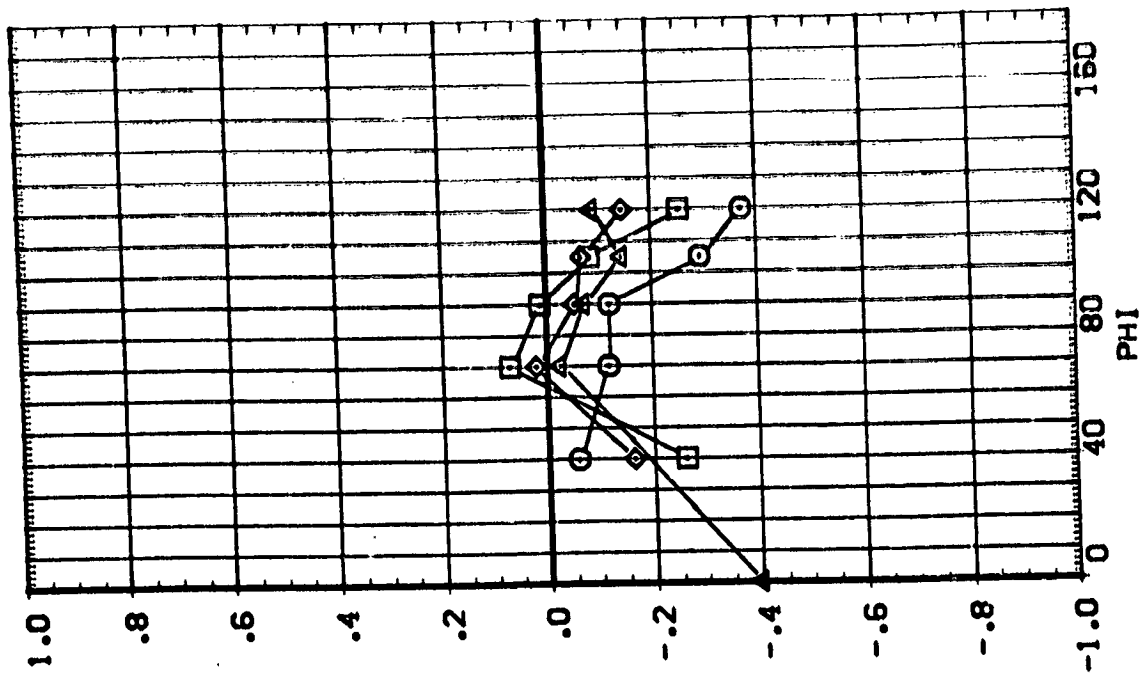
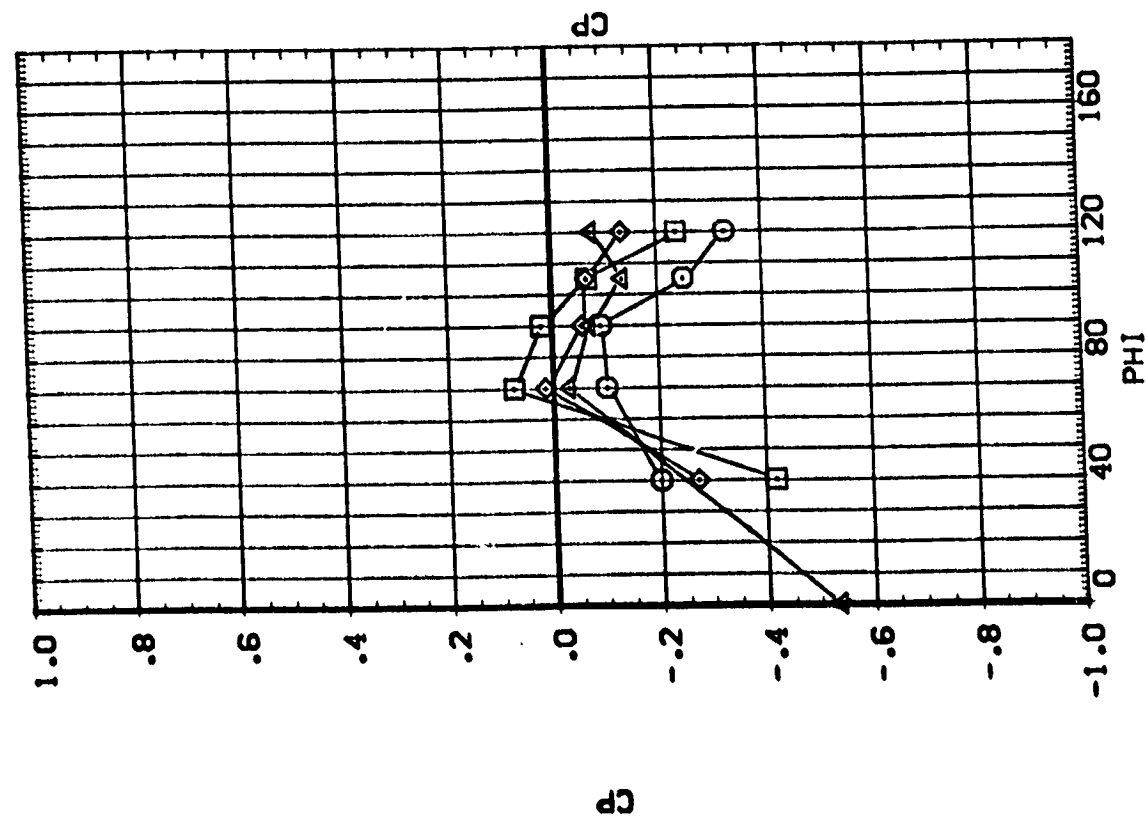
SYMBOL  
 ◇ □ ○ △

X/L  
 .828  
 .885  
 .926  
 .954

ALPHA  
 1C:160  
 12:180

BETA  
 5.000

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RJOFLR 40.000 FLAP -18.000



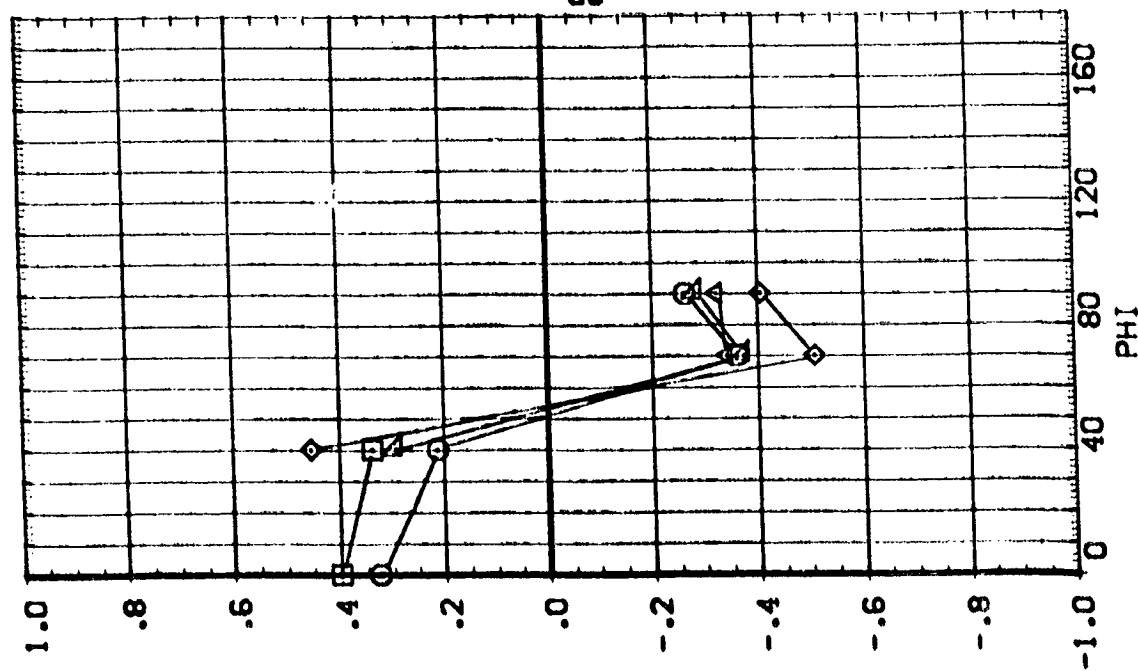
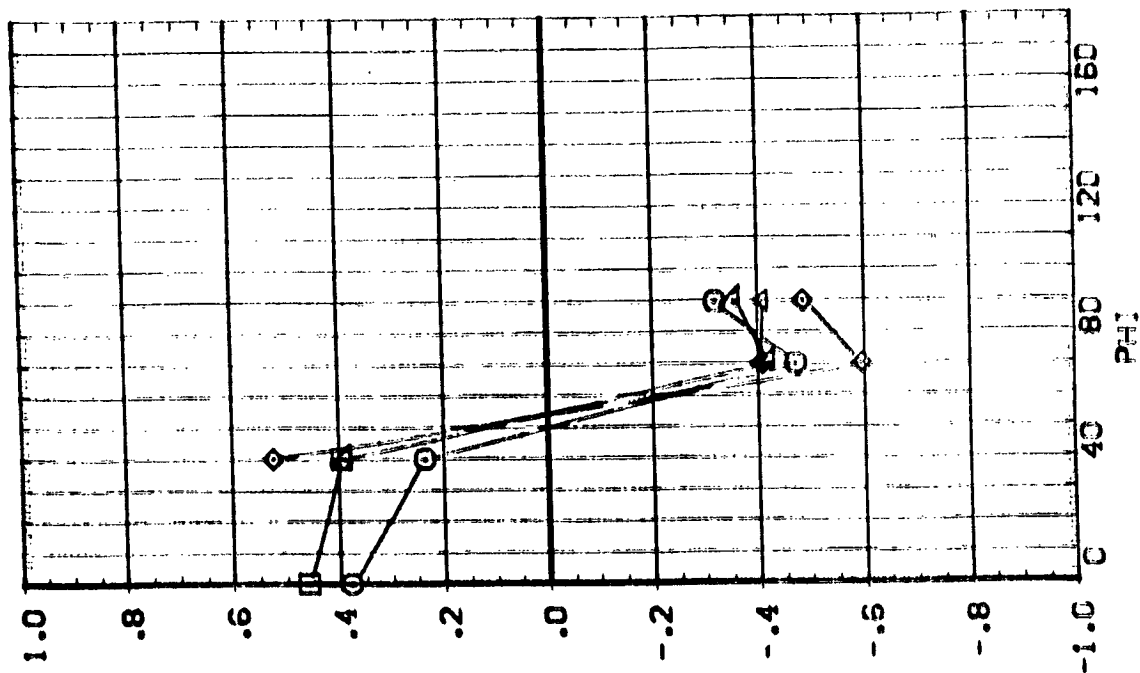
RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0

B:00507M2F:W87E:8VSR5G: LEFT FUSELAGE

(RC-B04)

SYSC. X/L ALPHA BETA  
 .512 :4.27C 5.01C  
 .587 :6.75C  
 .663  
 .738  
 .787

PARAMETRIC VALUES  
 ELEVTR -20.00C RODDER .000  
 RODFLR 40.00C FLAP -18.00C



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = -20 DEG., RODDER = 0  
 PAGE 382



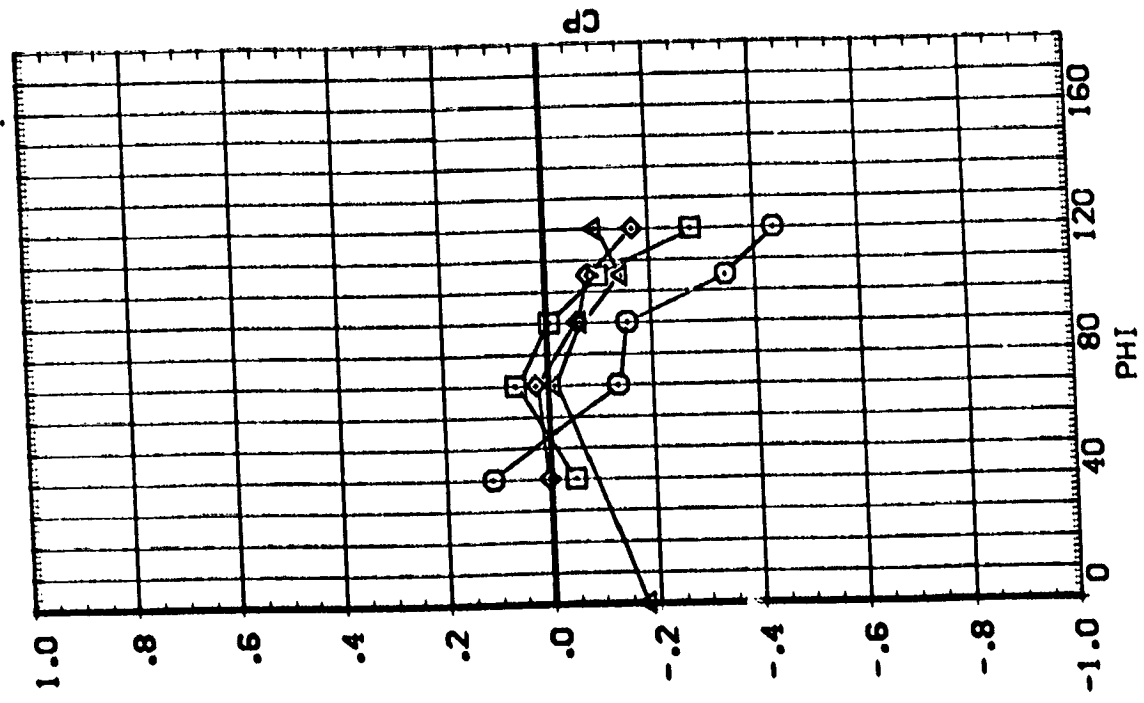
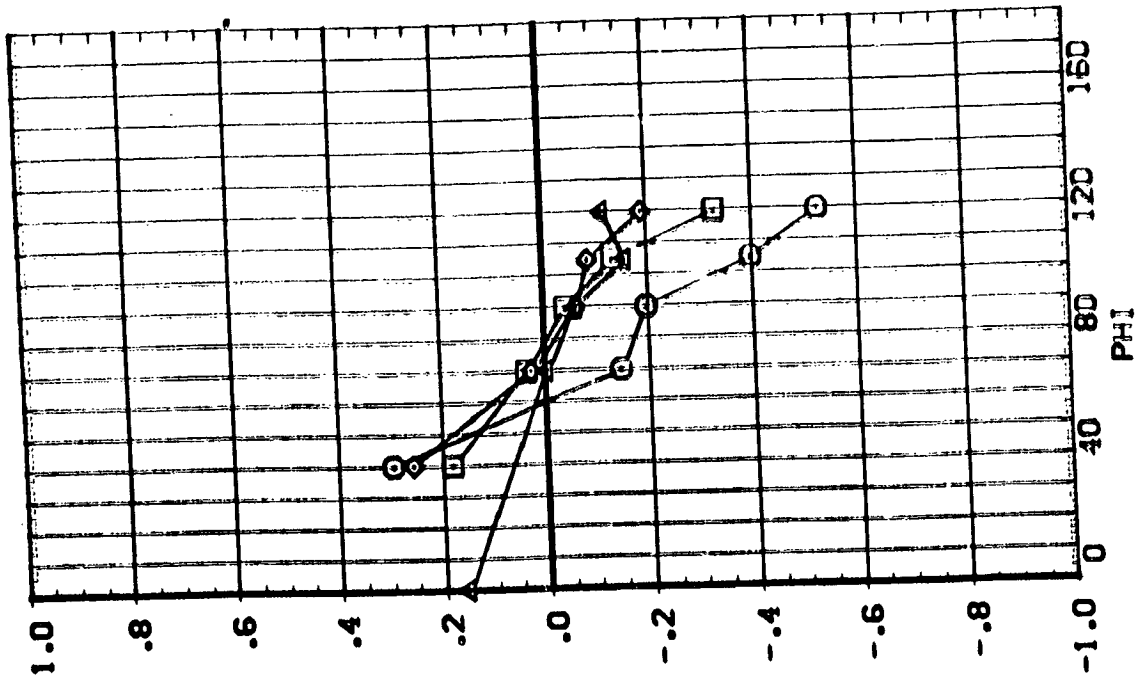
(RD-304)

B:005D7M2F:W87E18VSR5G: LEFT FUSELAGE

PARAMETRIC VALUES  
 ELEVTR 20.000 RUDER .000  
 RUDFLR 40.000 FLAP -18.000

SYMBOL X% ALPHA BETA  
 .828 14.220 5.010  
 .885 16.250  
 .926  
 .964

○ □ ◇ △



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDER = 0

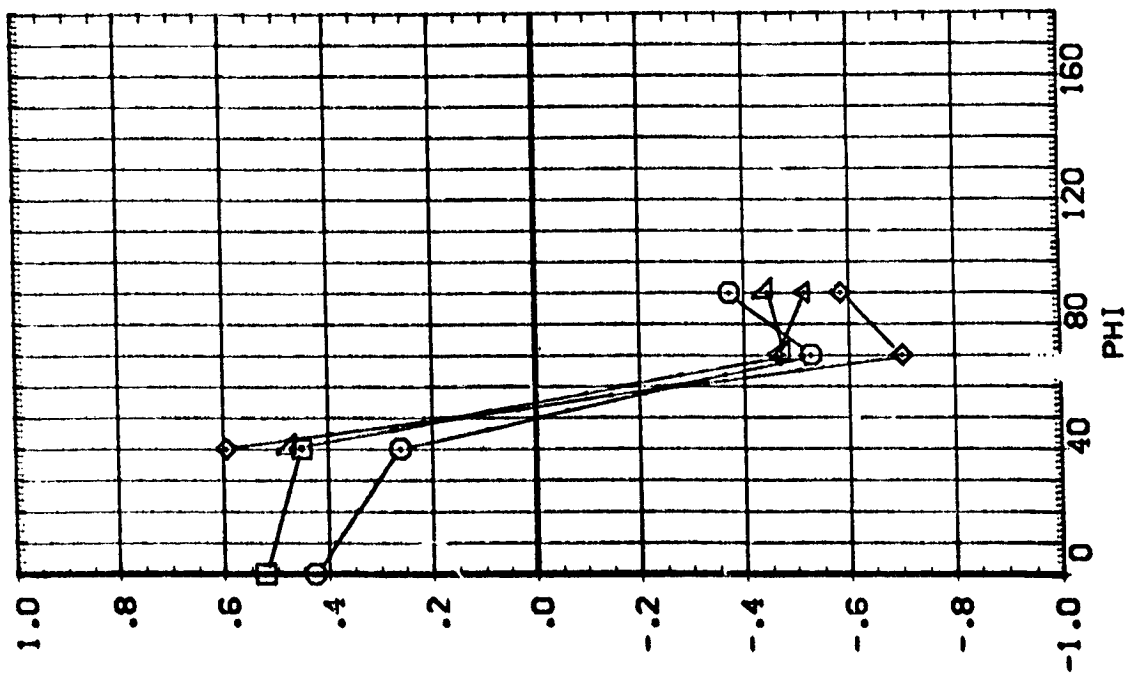


(201304)

B100507M2F1W87E18V5R5G1 LEFT FUSELAGE

PARAMETER VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUDFLR 40.000 FLAP -10.000

SYMBOL X/L ALPHA BETA  
 O .512 18.28C 5.000  
 I .587  
 I .553  
 I .738  
 V .787



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = -20 DEG., RUDDER = 0

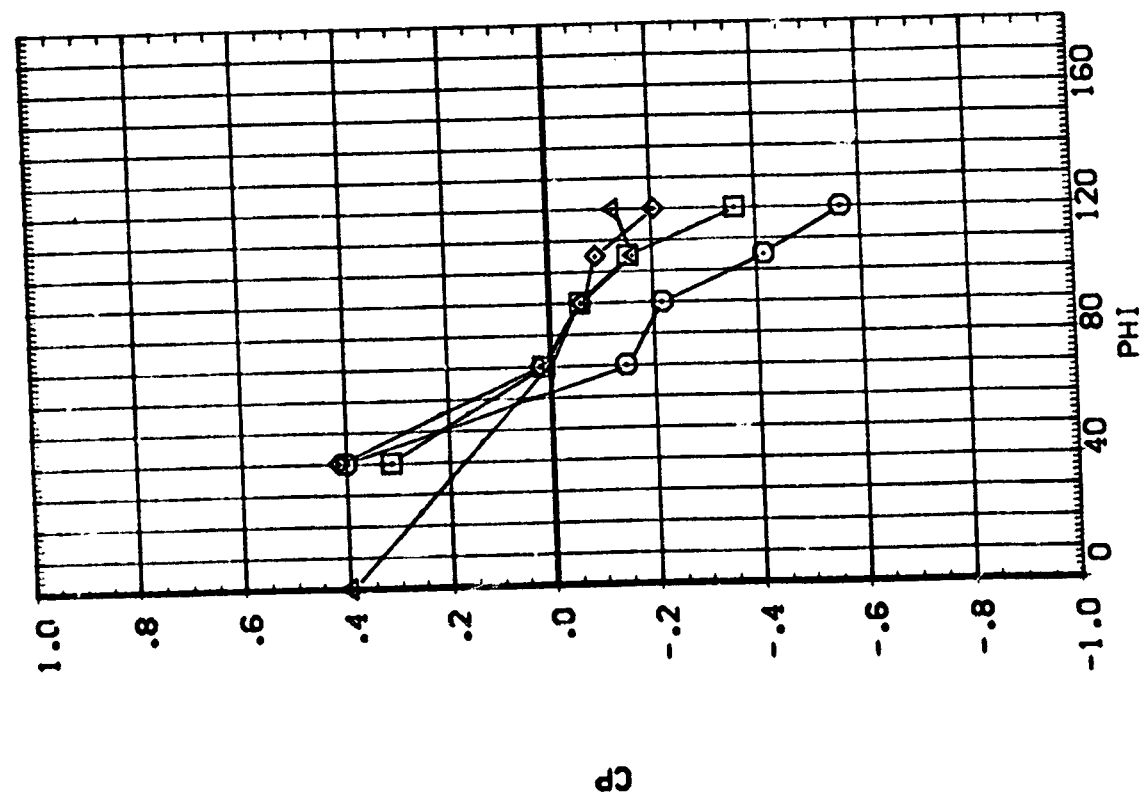


3:0C5J7M2F:W87E18V5R5G: LEFT FUSELAGE

(RDLB04)

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUDFLR 40.000 FLAP -10.000

SYMB. X/L ALPHA BETA  
 .828  
 .885  
 .926  
 .954



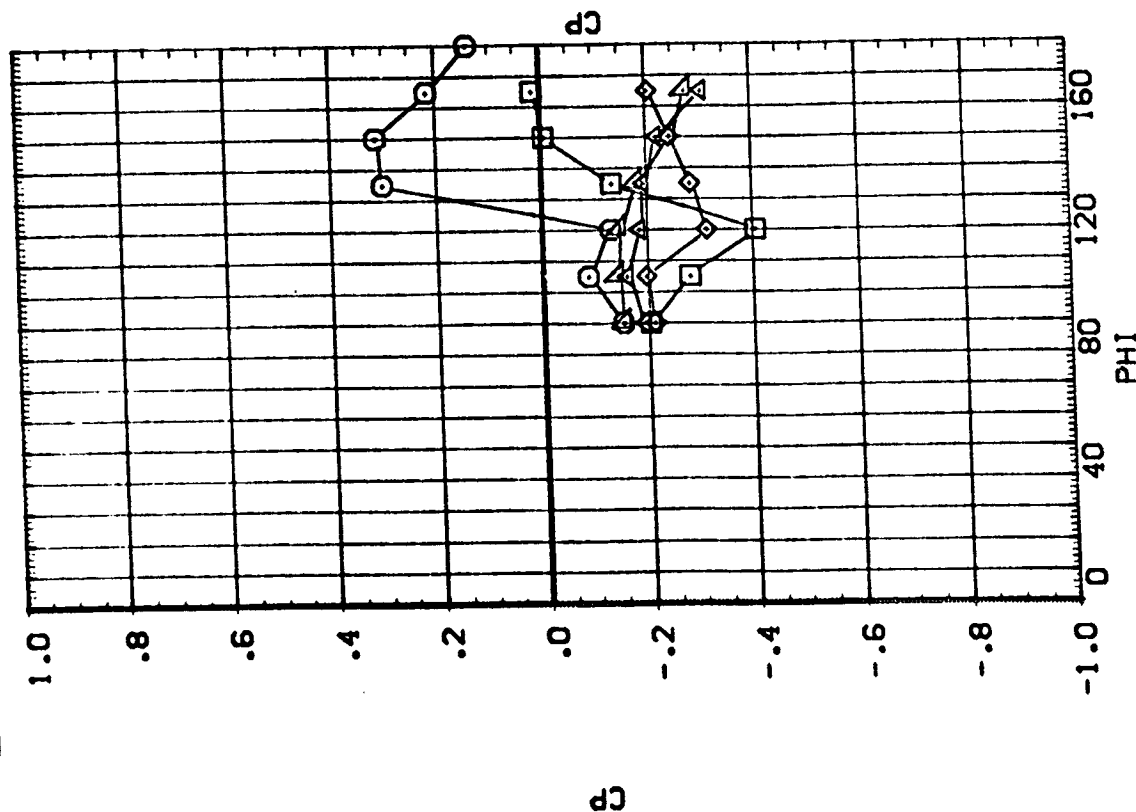
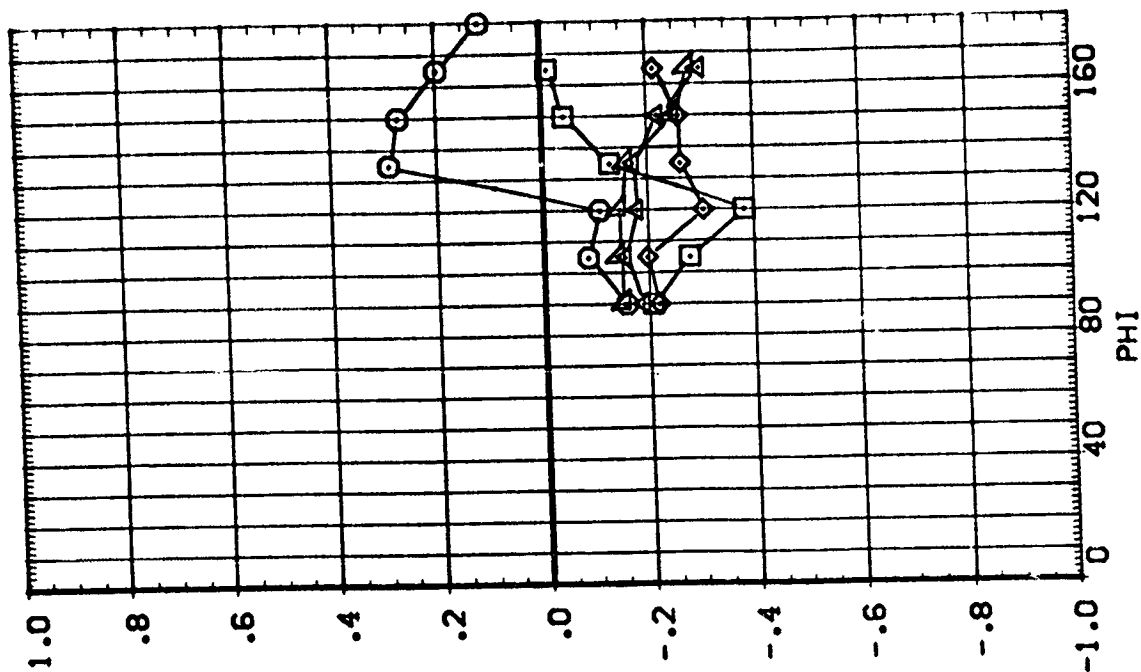
(RDLBC5)

B:CC507Y2F:W87E:8V5R5G: LEFT FUSELAGE

SYNCH  
O:1047

X/L    A.P.A    BETA  
.787    -3.040    .000  
.878    -1.000  
.885  
.976  
.994

PARAMETRIC VALUES  
ELEVTR    RUDDER    FLAP  
40.000    -15.000    -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = 0, RUDDER = -15 DEG.



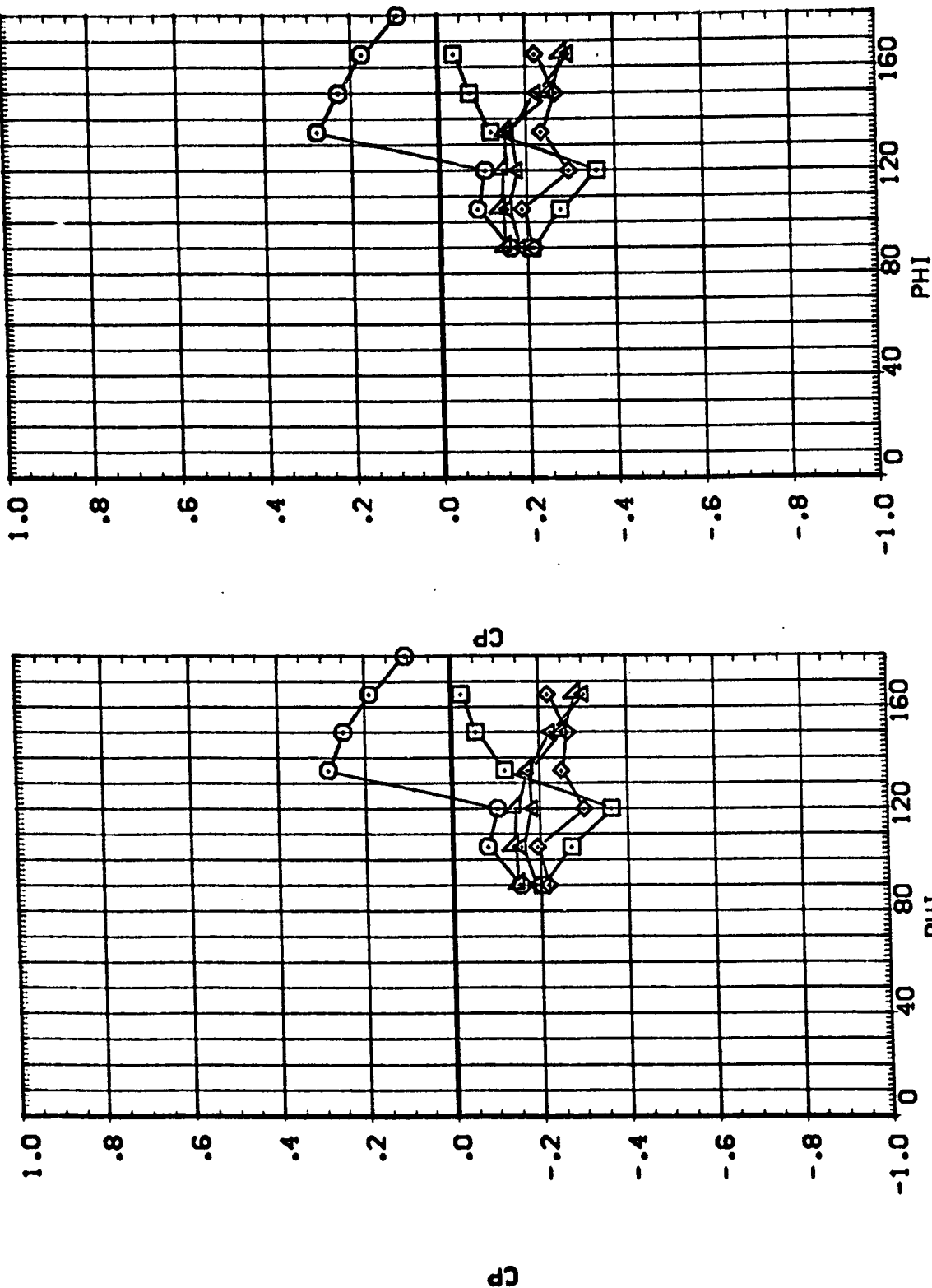
B10C5D7M2F1W87E18V5R5G1 LEFT FUSELAGE

(RDLB05)

SYMBOL  
O □ ◇ △

X/L ALPHA BETA  
.787 .010 .000  
.828 .990  
.885  
.926  
.954

PARAMETRIC VALUES  
ELEVTR .000 RUDDER -15.000  
RJOFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG.



B:CC507M2F1W87E18V5R5G1 LEFT FUSELAGE

(RDLB05)

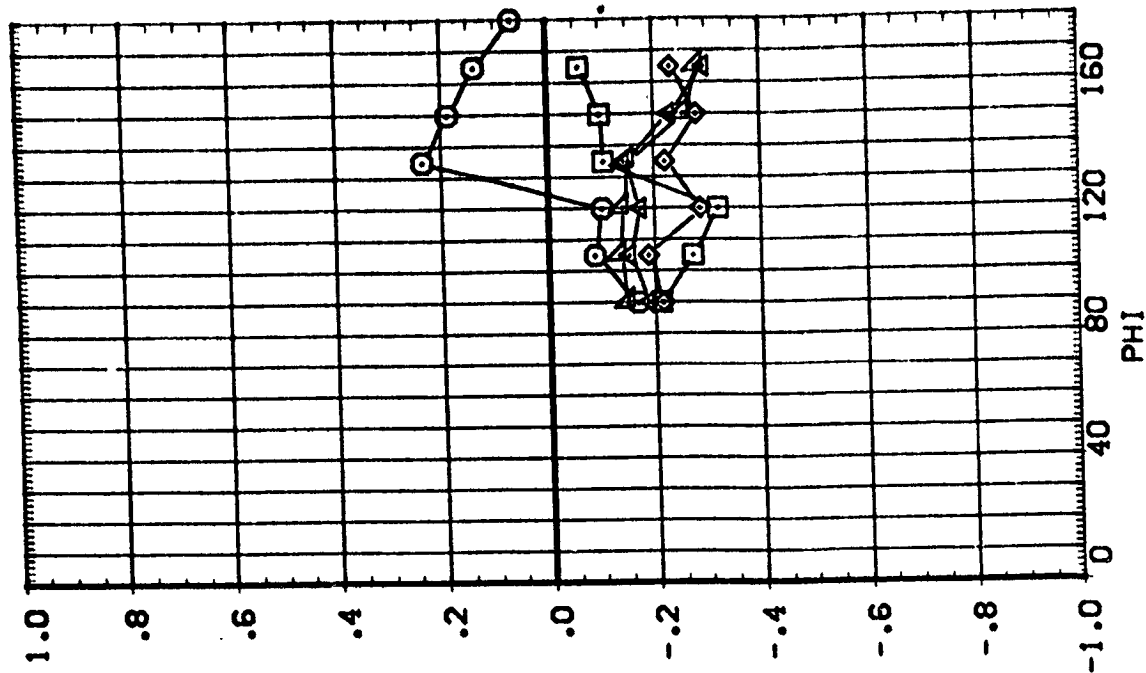
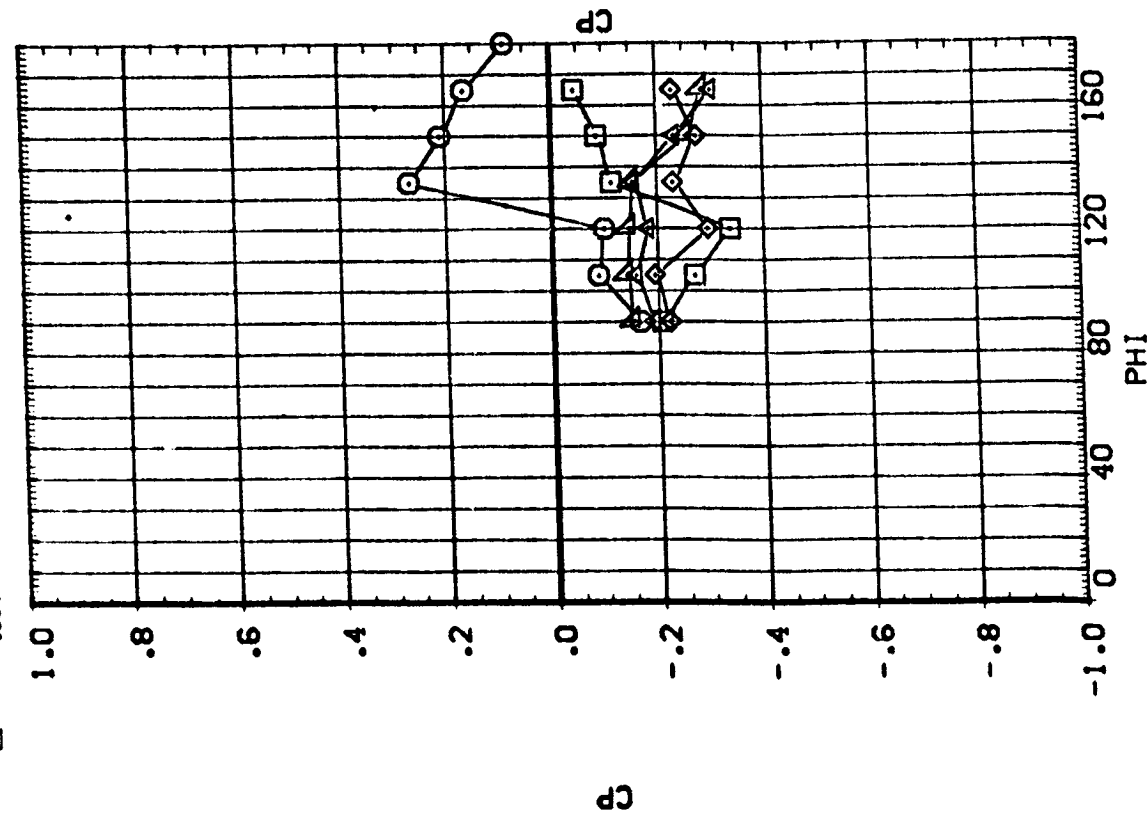
SYMBOL

X/L  
.787  
.828  
.885  
.926  
.964

ALPHA  
2.03C  
4.03C

BETA  
.000

PARAMETRIC VALUES  
ELEVTR .000 RUDDER -15.000  
RUOFLR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG.



B:0C5D7M2F1W87E18VSR5G1 LEFT FUSELAGE

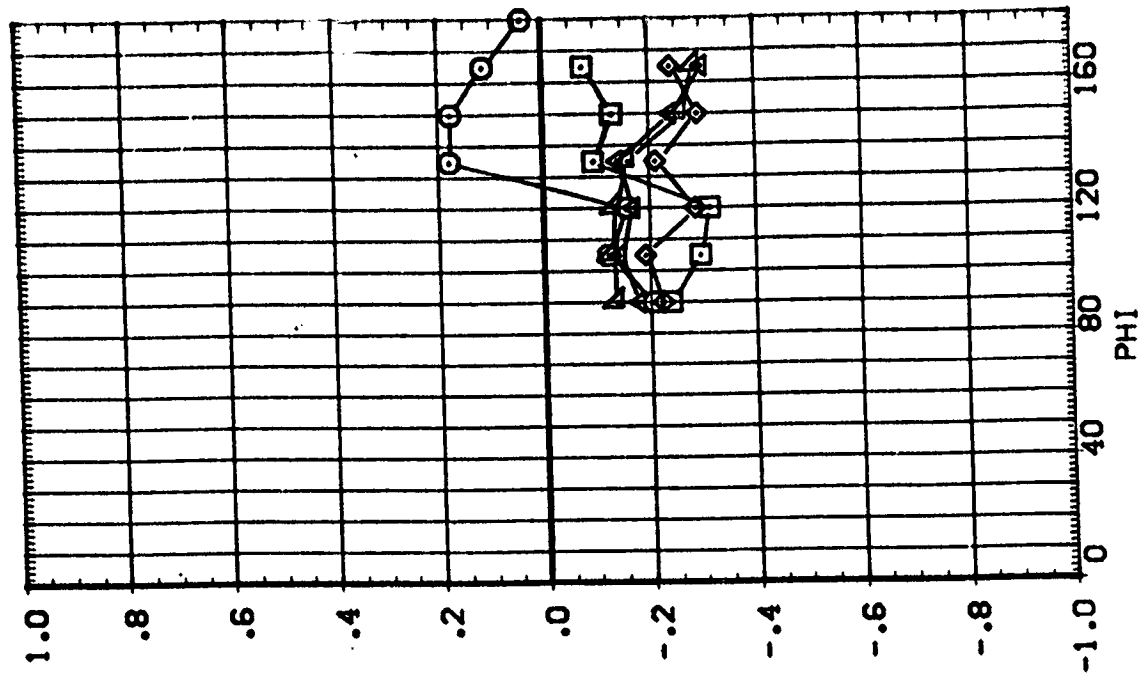
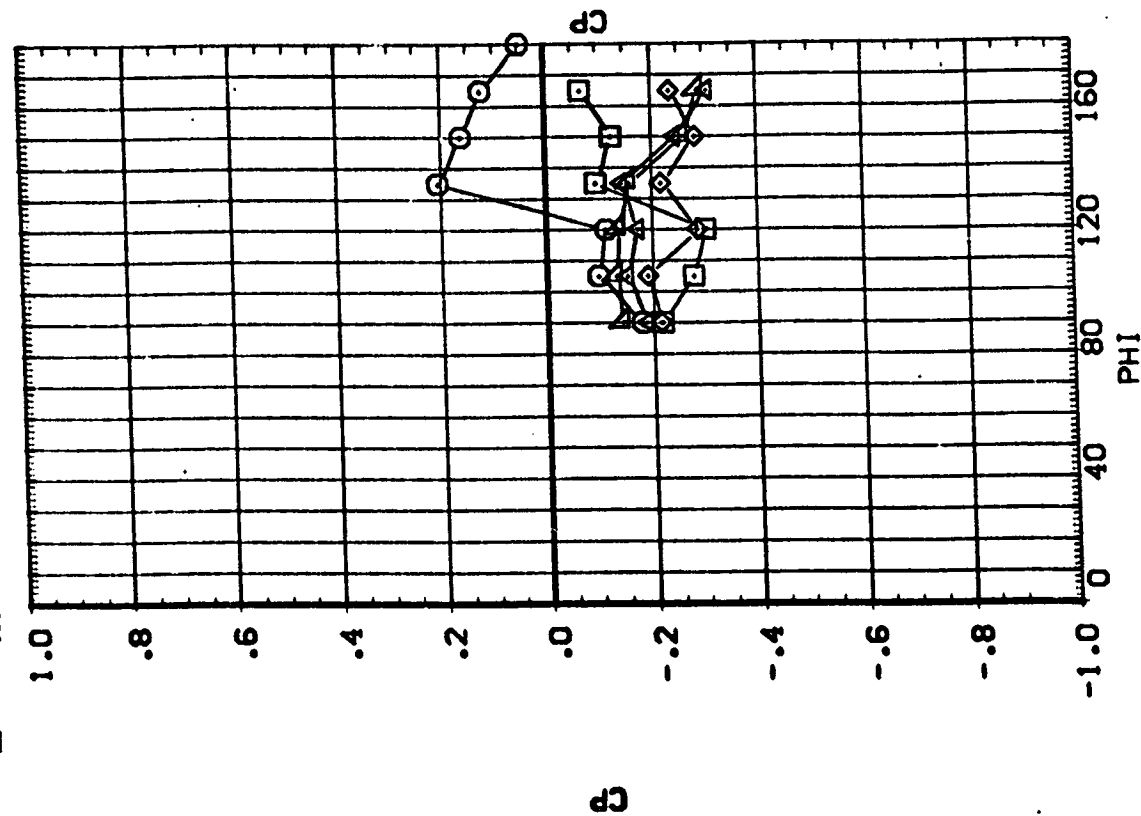
(RDLB05)

SYMBOL  
○ □ ◇ △

X/L  
.787  
.828  
.885  
.926  
.954

ALPHA BETA  
6.080 .010  
8.110

PARAMETRIC VALUES  
ELEVTR RUDDER FLAP  
40.000 -15.000  
18.000 -18.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = 0, RUDDER = -15 DEG.

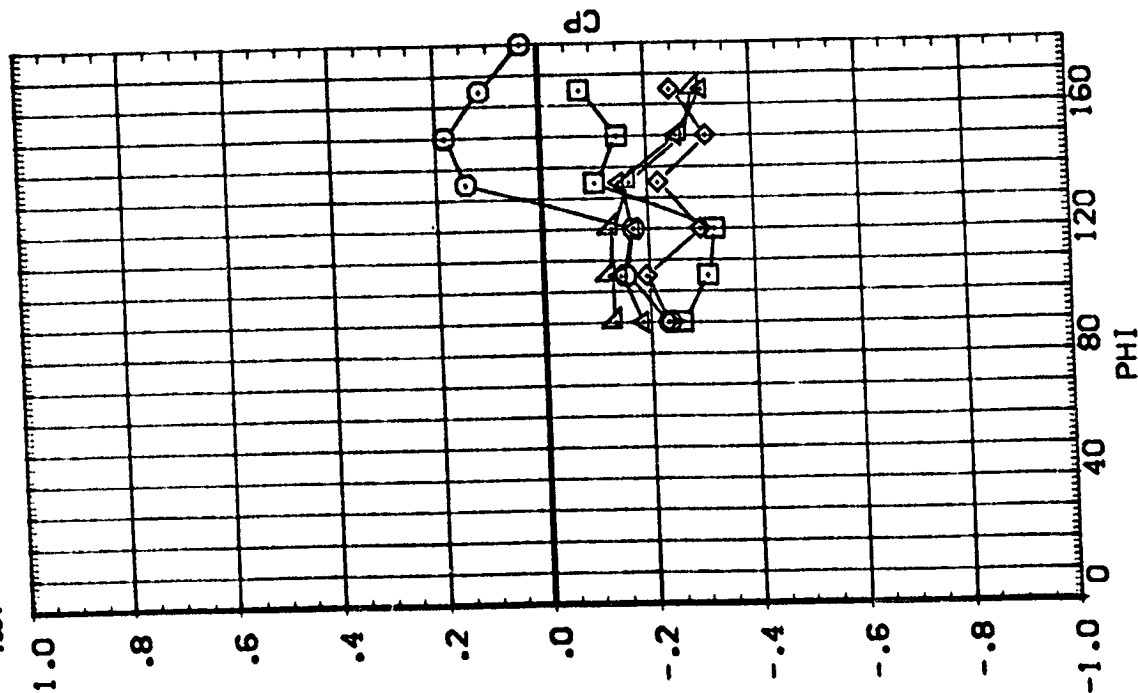


8100507M2F1W87E18V5R5G: LEFT FUSELAGE

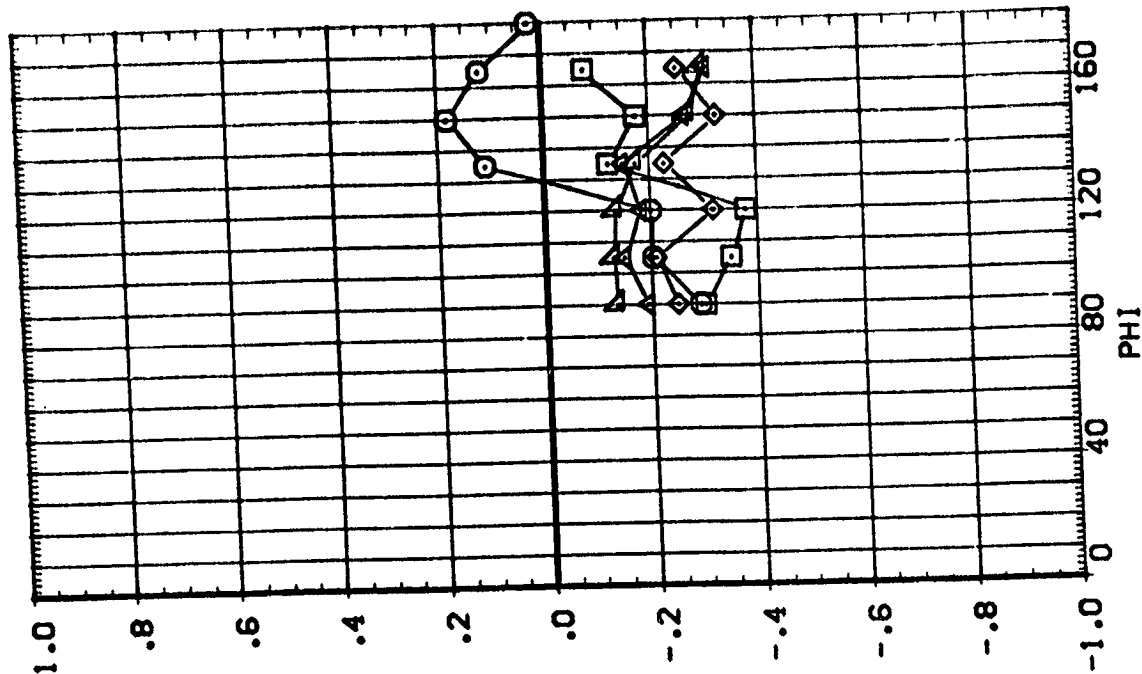
(RDLB05)

SYMBOLS  
▽  
◇  
△  
○  
□  
Z

X/L ALPHA BETA  
.787 13.12C .000  
.828 12.200  
.885  
.926  
.964



PARAMETRIC VALUES  
ELEVTR .000 RUDDER -15.000  
RUDDLR 40.000 FLAP -19.000



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG.

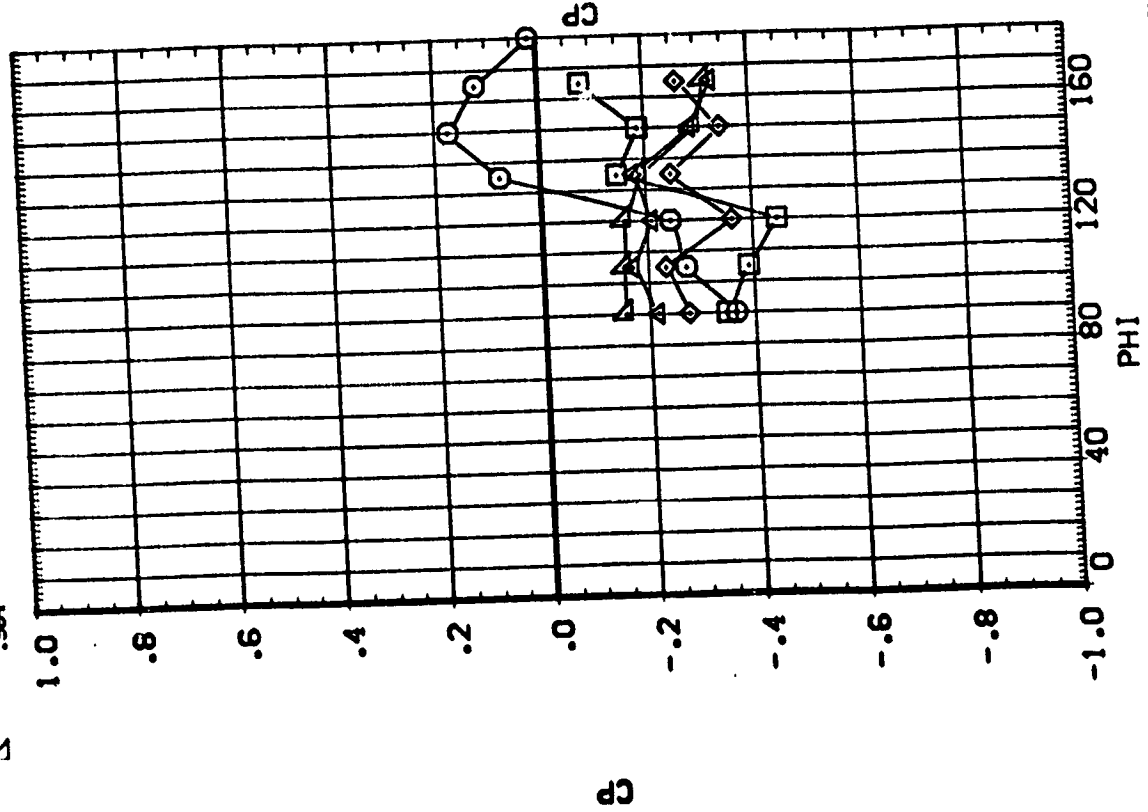
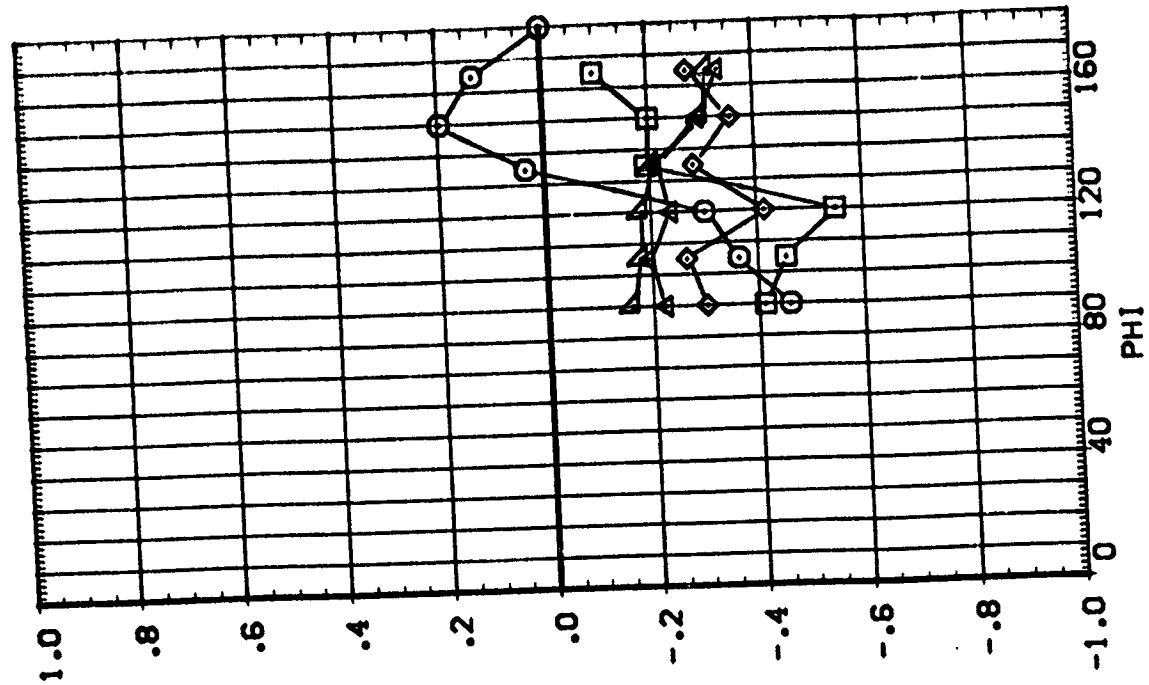


B10C5D7M2F1W87E:8V5R5G1 LEFT FUSELAGE

(RDLB05)

PARAMETRIC VALUES  
ELEVTR 40.000 RUDDER -15.000  
R.OFLR 18.000 FLAP

SYMBOL X/L ALPHA BETA  
.787 14.240 .000  
.828 16.230  
.885  
.926  
.964



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG.  
PAGE 391



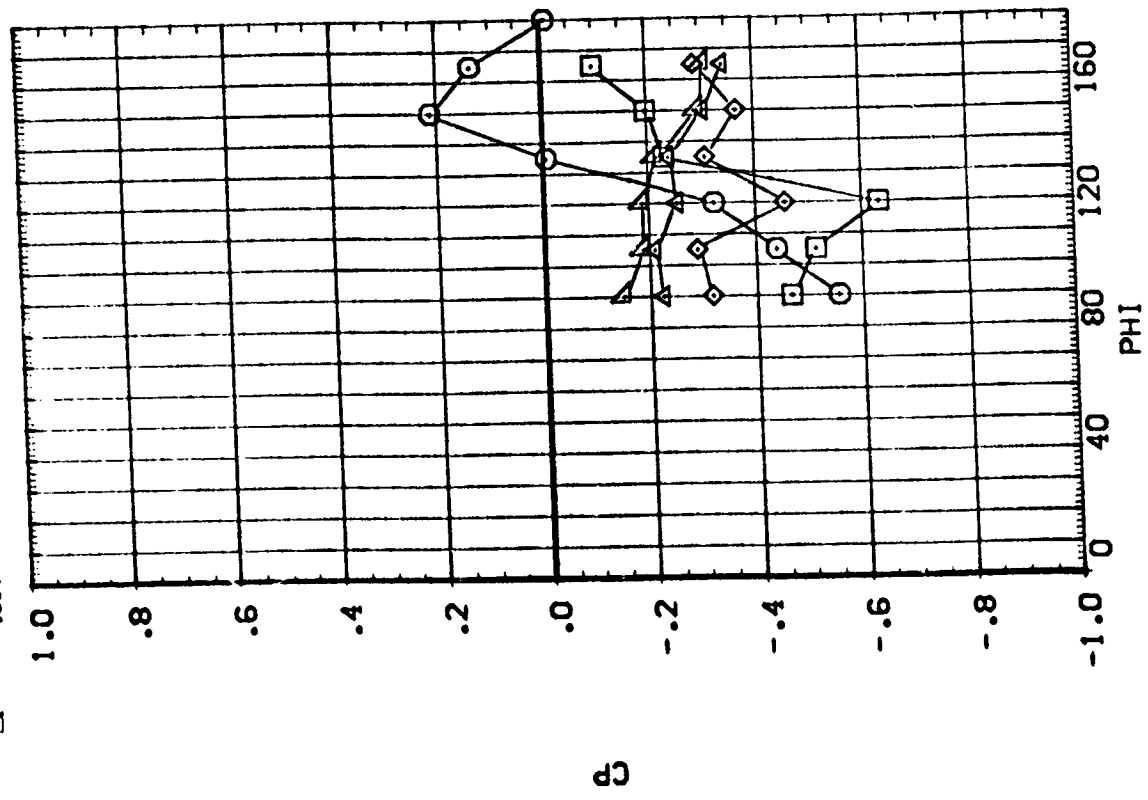
(ROLB05)

B:00507Y2F:W87E:8VSR5G: LEFT FUSELAGE

PARAMETRIC VALUES  
 .000 RUDDER -15.000  
 40.000 FLAP -18.000

ALPHA BETA  
 :8.300 .000

SYMB. X/L  
 .787  
 .878  
 .885  
 .976  
 .954



RADIAL PRESSURE DISTRIBUTION ON THE LEFT FUSELAGE. ELEVTR = 0, RUDDER = -15 DEG.  
 PAGE 392

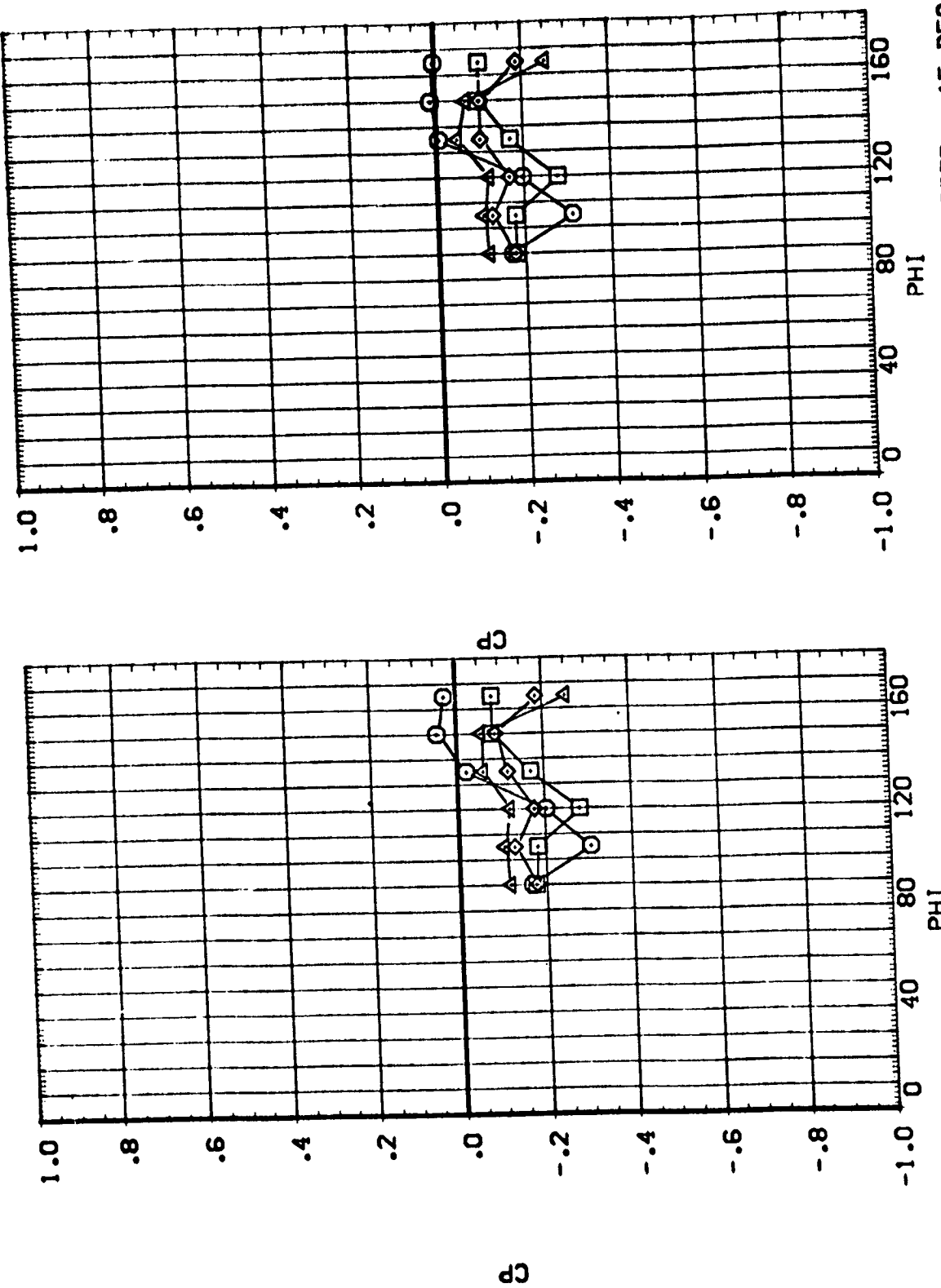


0100507M2F:W87E:8VSR5G: RIGHT FUSELAGE

(RDLA05)

SYMBOL X/L ALPHA BETA  
 O .878 -3.040 .000  
 □ .885 -1.000  
 ◇ .976  
 △ .954

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER -15.000  
 RUOFLR 40.000 FLAP -10.300



RADIAL PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG.  
 PAGE 393

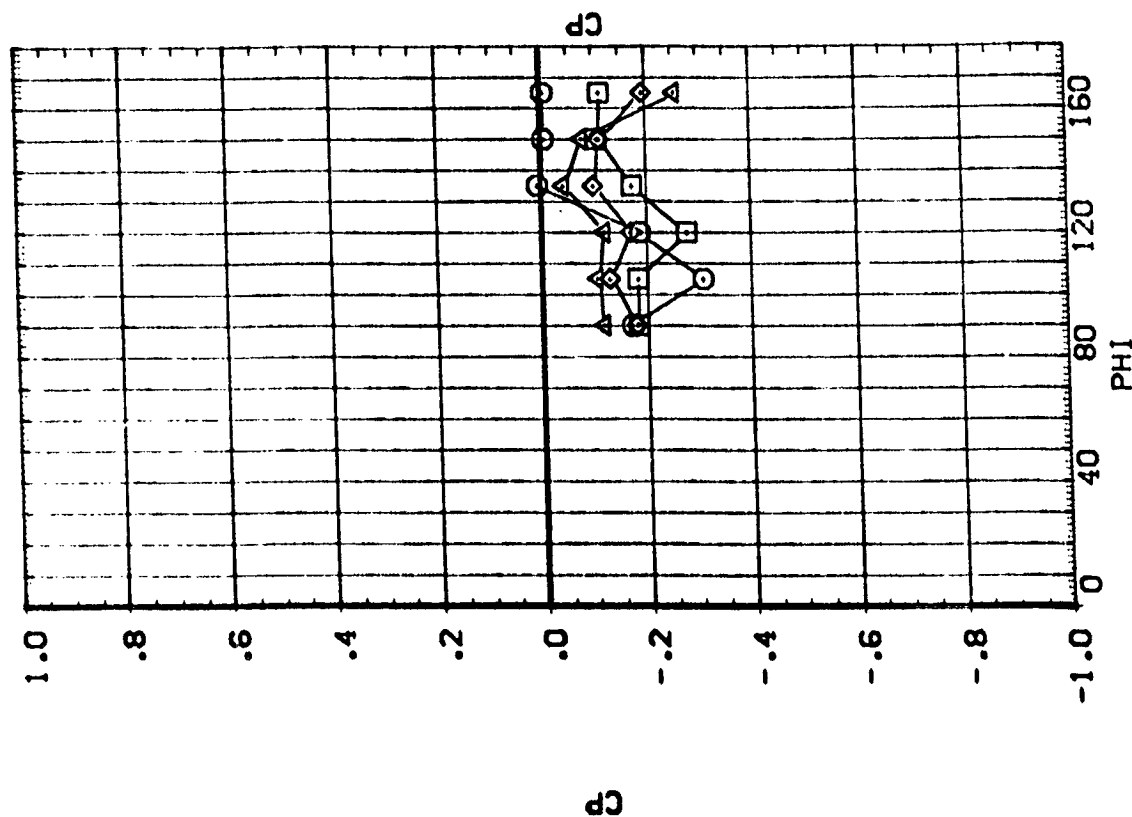
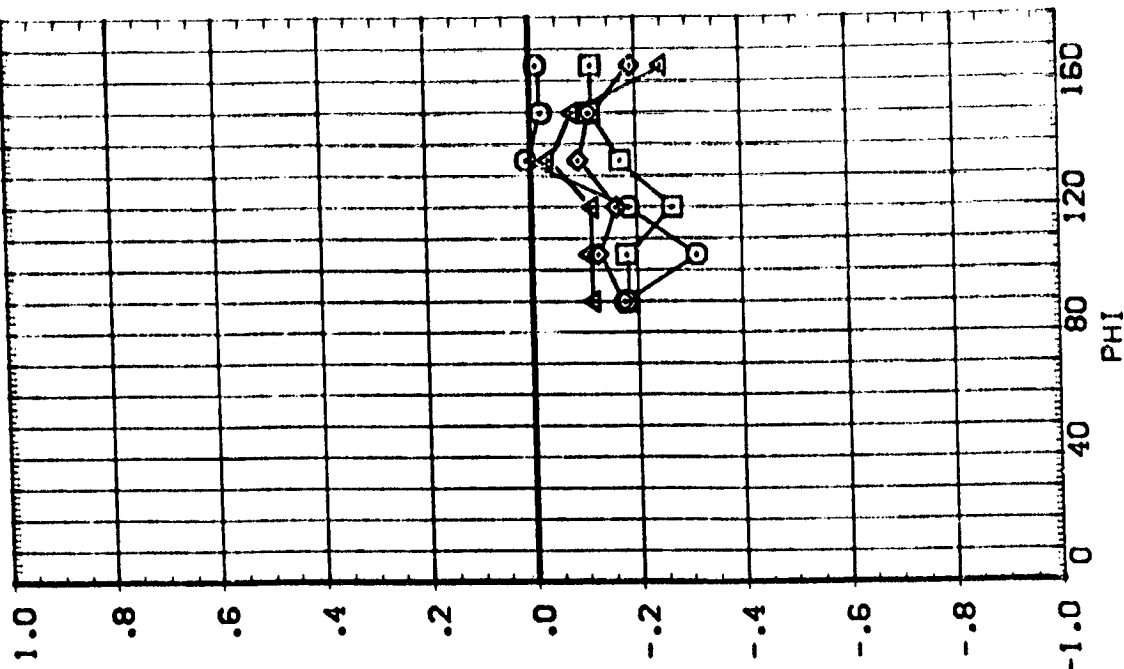
3:00507M7F:187E:8.5R5G: RIGHT FUSELAGE

(ROLA05)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER -15.000  
RUDFLR 40.000 FLAP -18.000

SV50C X/L  
.878  
.885  
.976  
.954

A<sub>PHI</sub> BE<sup>TA</sup>  
.010  
.000



RADIAL PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG.



3100507M2F:W87E:8V5R5G: RIGHT FUSELAGE

(RDLA05)

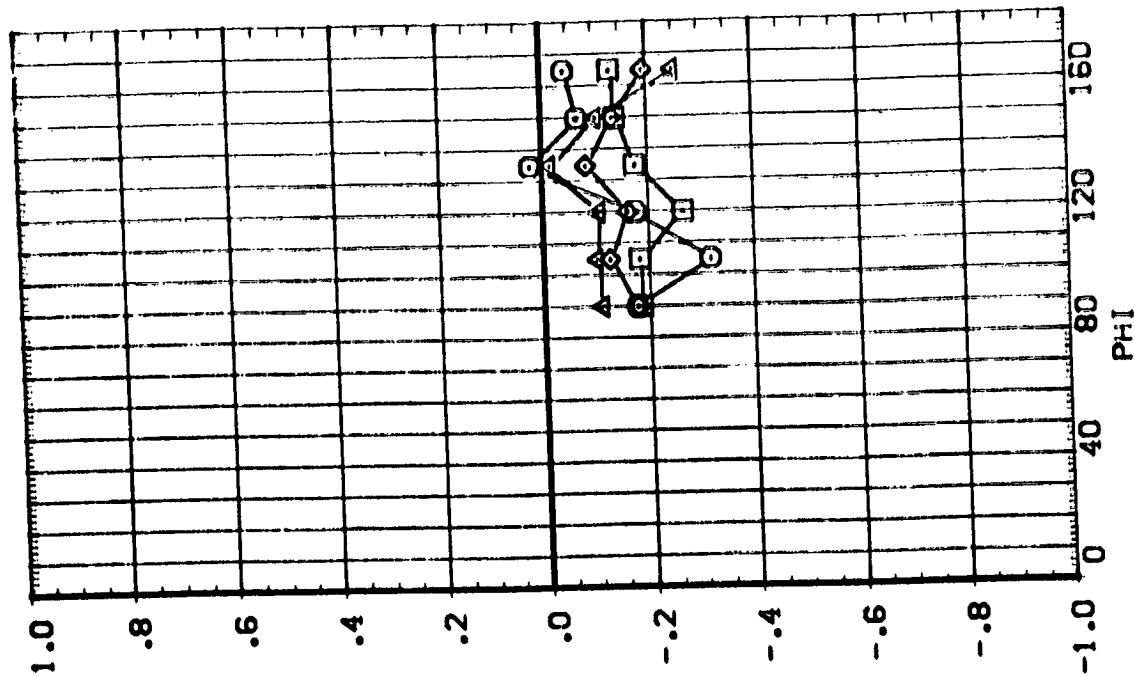
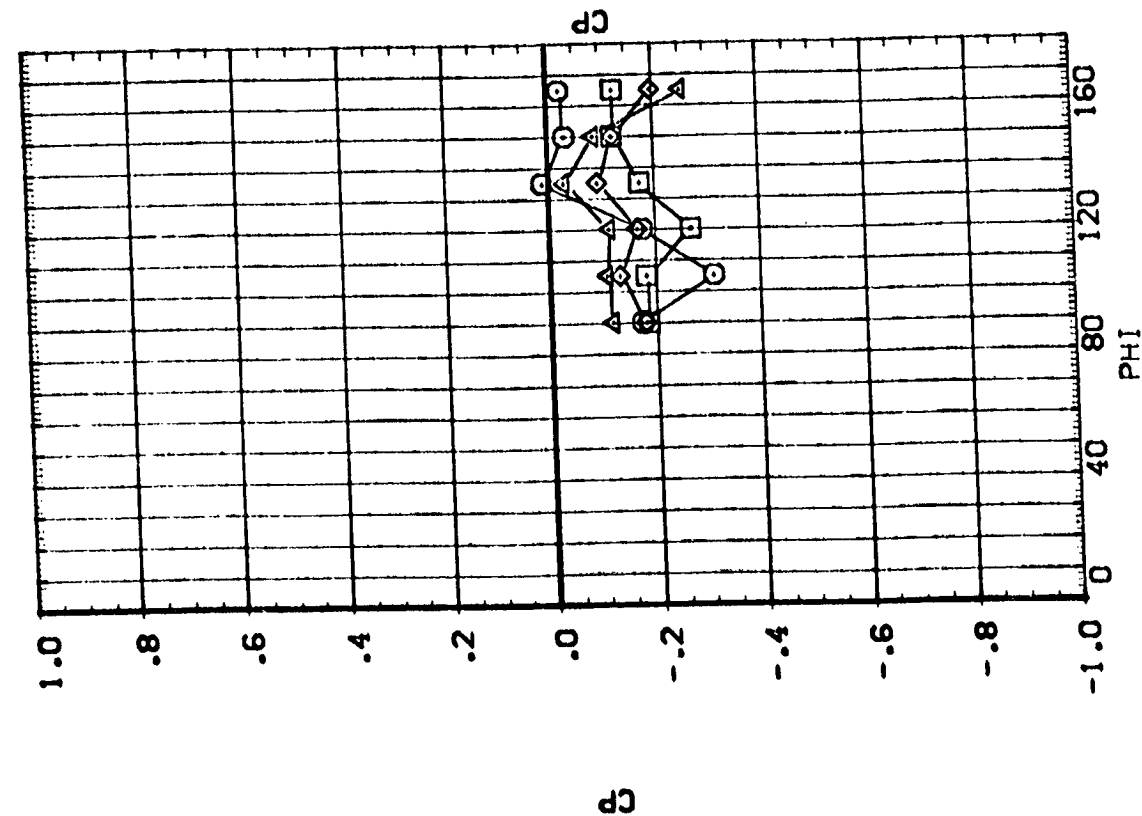
SYMBOL  
O  
I  
◇  
△

M/L  
.878  
.885  
.926  
.954

ALPHA  
2.03C  
4.03C

BETA  
.000

PARAMETRIC VALUES  
ELEVTR 40.000  
RUDDER 40.000  
FLAP -15.000  
-18.000



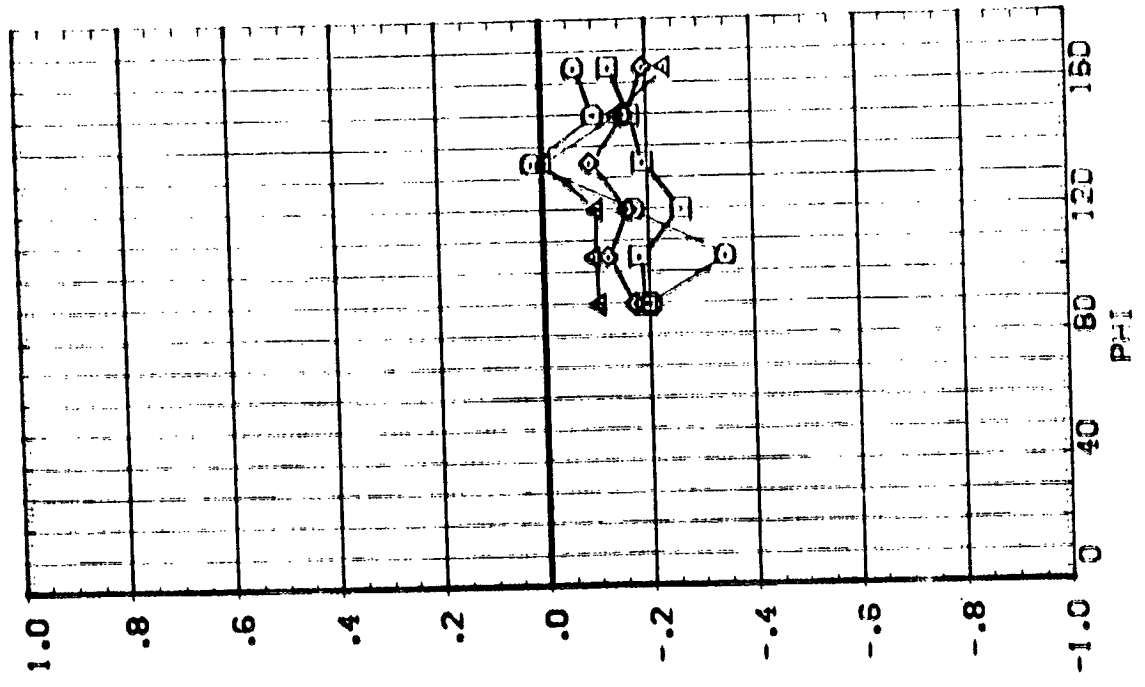
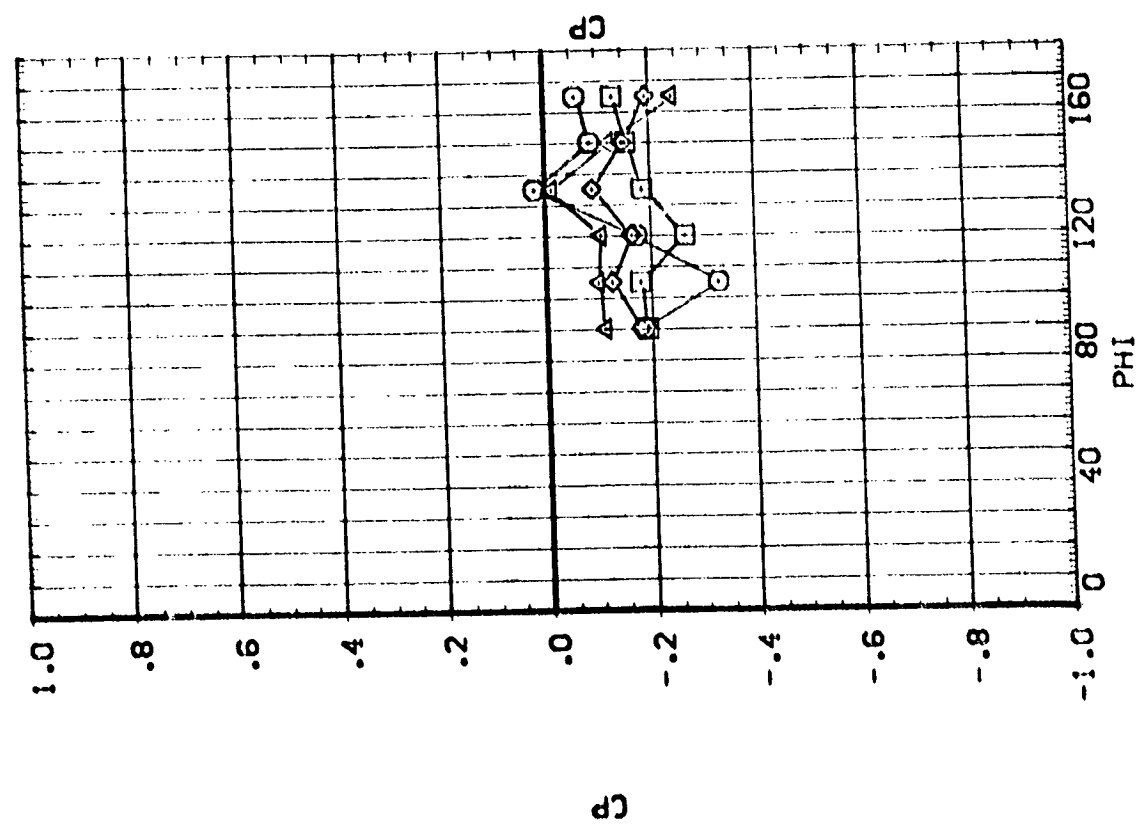
RADIAL PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE. ELEVTR = 0, RUDDER = -15 DEG.

3:005500V2:1A8VE18.5953: RIGHT FUSELAGE

(RDLAC5)

SYMBOL X/L A DUA BE TA .010  
 .878 6.080  
 .885 8.110  
 .926  
 .954

PARAMETER VALUES  
 ELEVTR .000 RUDDER -15.000  
 RUFTR 40.000 FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG.  
 PAGE 395

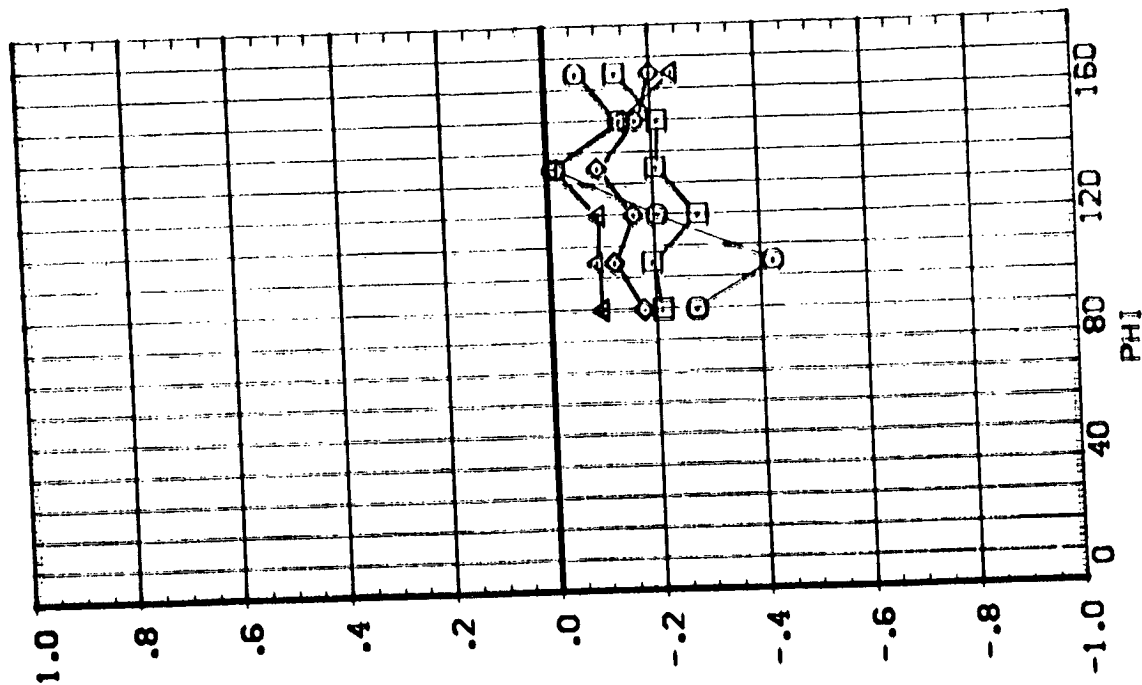
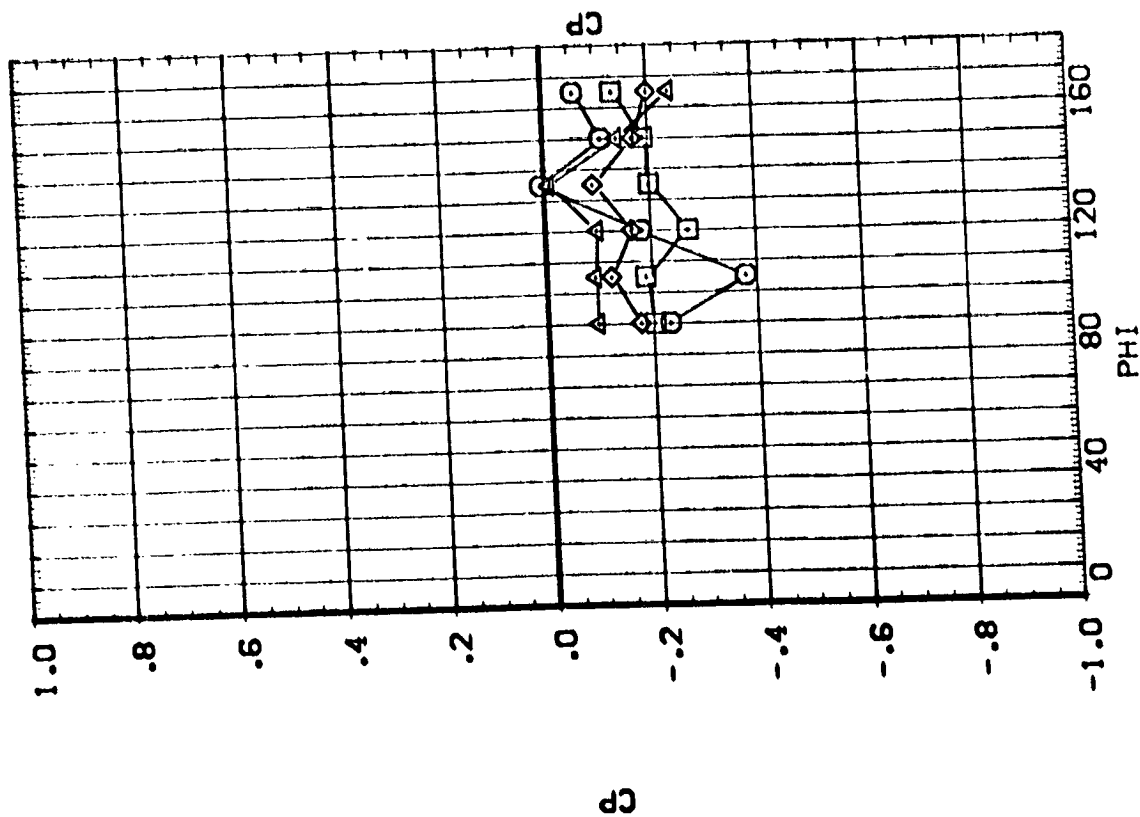


3:005072F:W87E18VSR5G: RIGHT FUSELAGE

(RDLACS)

PARAMETRIC VALUES  
ELEVTR 40.000 RUDDER -15.000  
RDLR 40.000 FLAP -18.000

SYMBOL X/L ALPHA BETA  
O .828 10.170 .000  
I .885 17.700  
◇ .976  
△ .984



RADIAL PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE. ELEVTR = 0, RUDDER = -15 DEG.

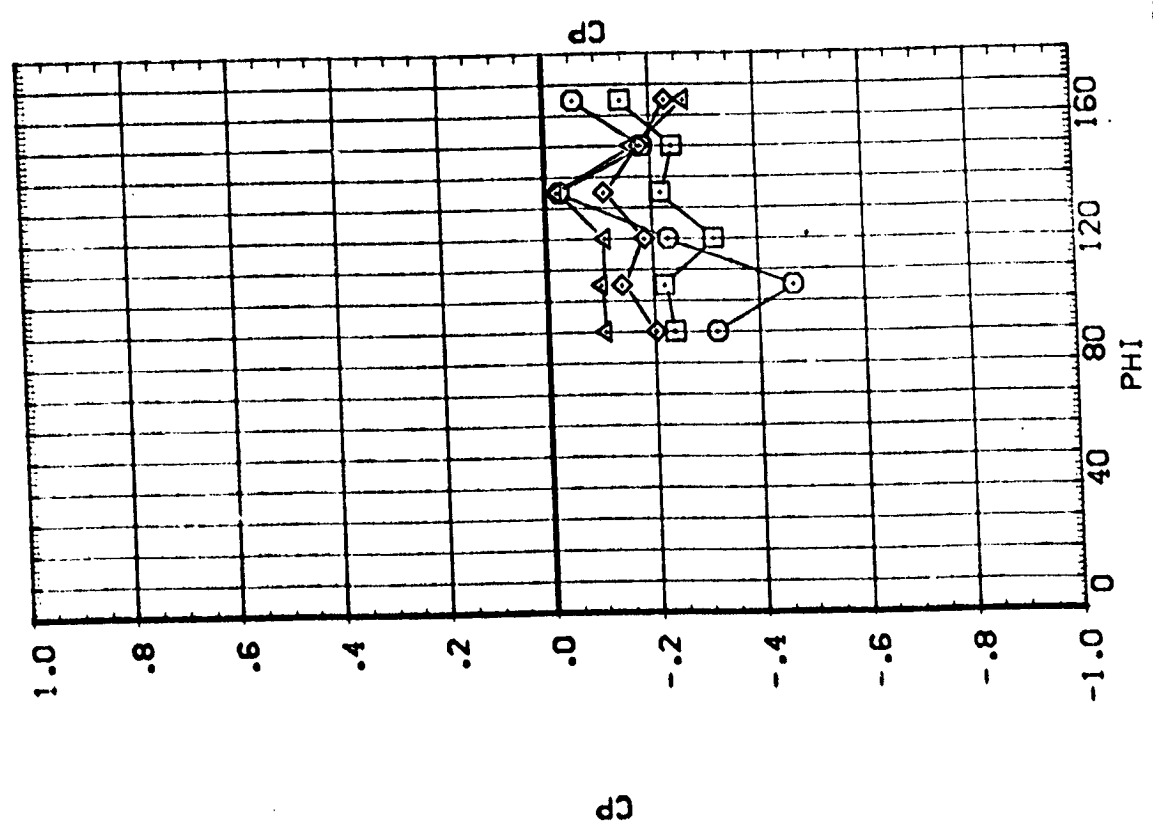
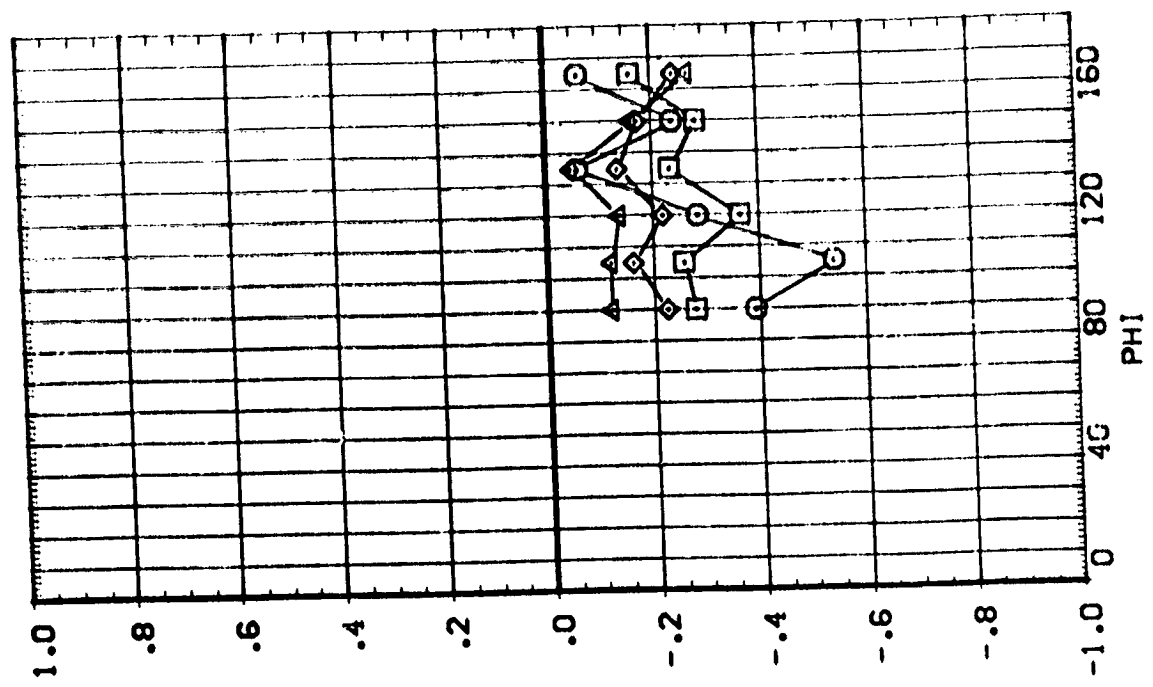
(ROLA05)

B:00507M2F:W87E18VSR5G1 RIGHT FUSELAGE

PARAMETRIC VALUES  
 ELEVTR 0.000 RUDDER -15.000  
 ELEVTR 40.000 FLAP -18.000

SYNCH X/L ALPHA BETA  
 .808 :4.240 .000  
 .885 :5.230  
 .976  
 .984

○ □ △



RADIAL PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG.  
 PAGE 398

(RDLA05)

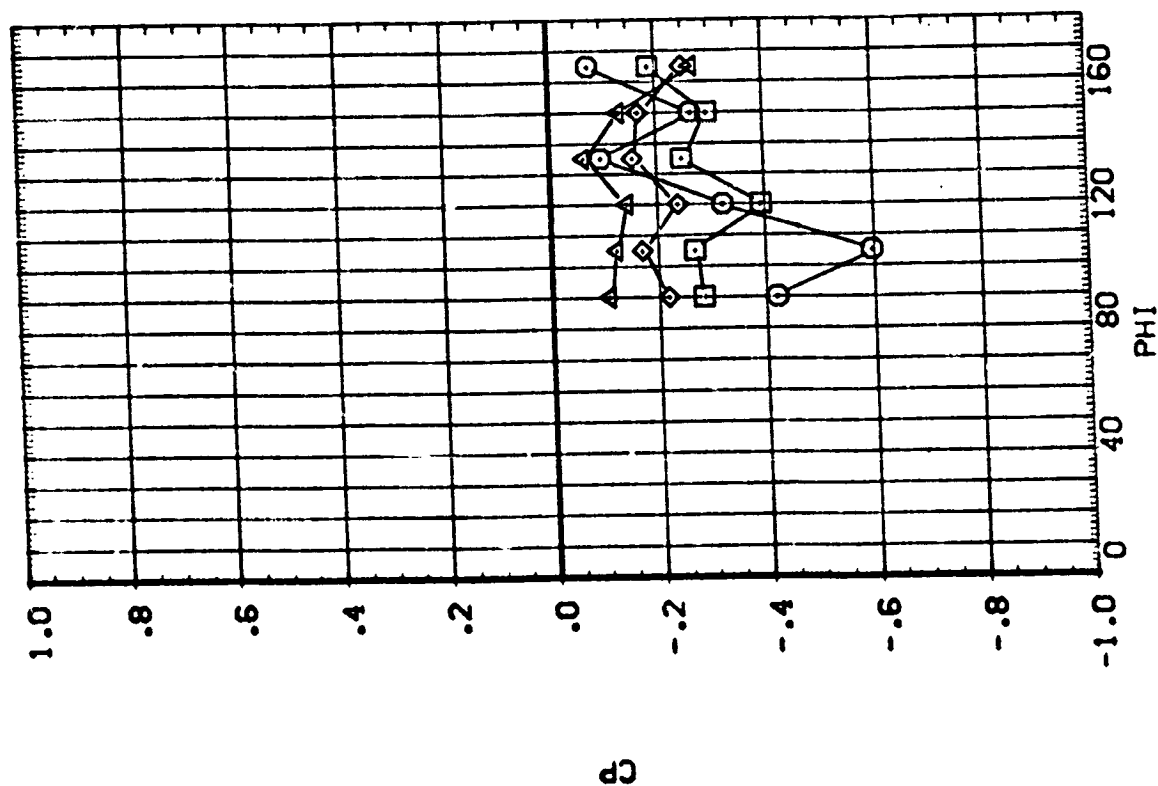
B:00507V2F:W87E:18VSR5G:1 RIGHT FUSELAGE

Symbol

0.828  
.885  
.926  
.964

ALPHA BETA  
18.300 .000

PARAMETRIC VALUES  
ELEVTR 40.000  
RUDDER -15.000  
FLAP -18.000



RADIAL PRESSURE DISTRIBUTION ON THE RIGHT FUSELAGE, ELEVTR = 0, RUDDER = -15 DEG.  
PAGE 399



PARAMETRIC VALUES

ELEVTR	.000	RUDDER	.000
RUOFLR	40.000	FLAP	-18.000

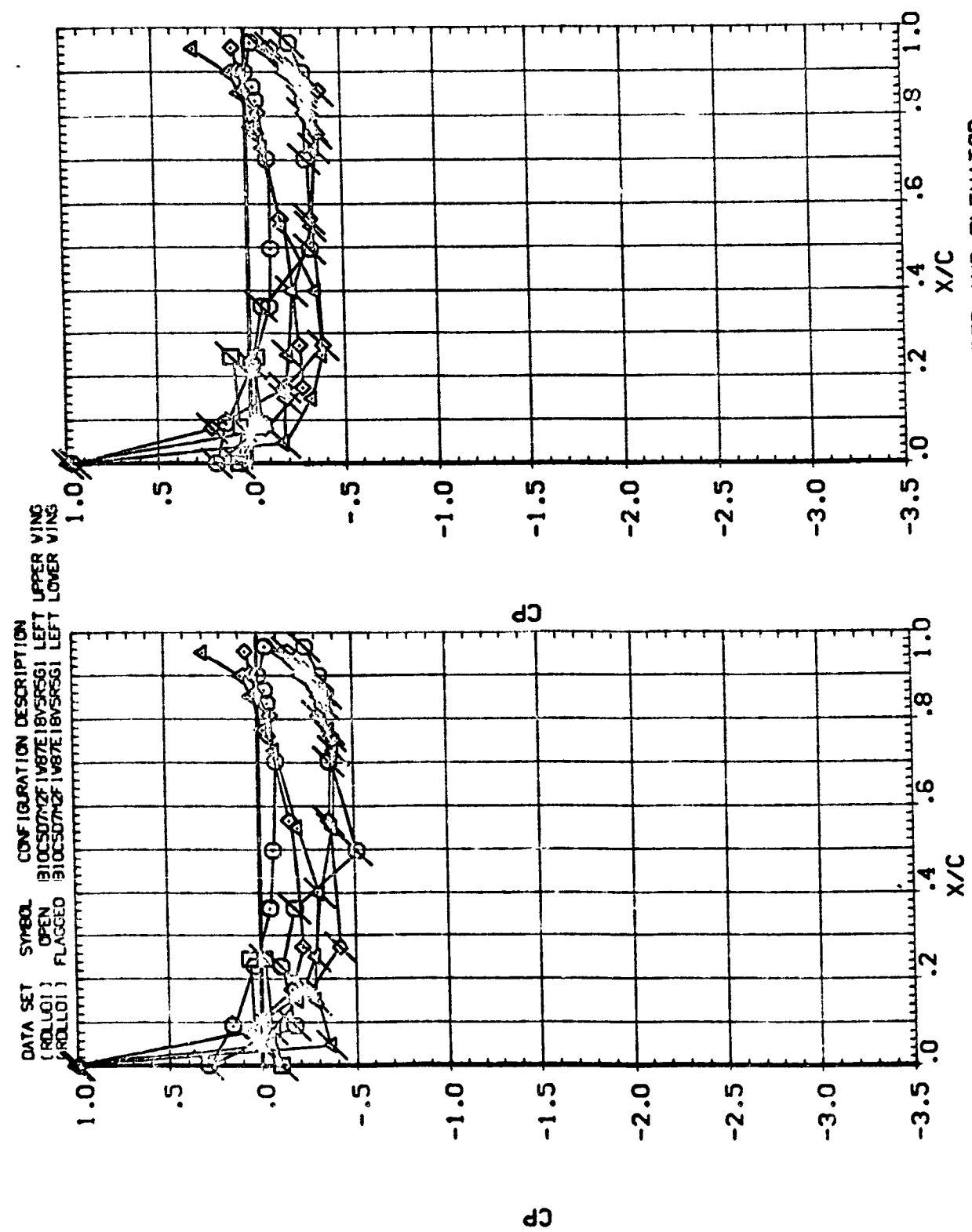
SYMBOL

$\square$	$\nabla$	$\diamond$	$\triangle$
.299	.364	.427	.534

ALPHA

-3.010	-10.030
-1.030	

BETA



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

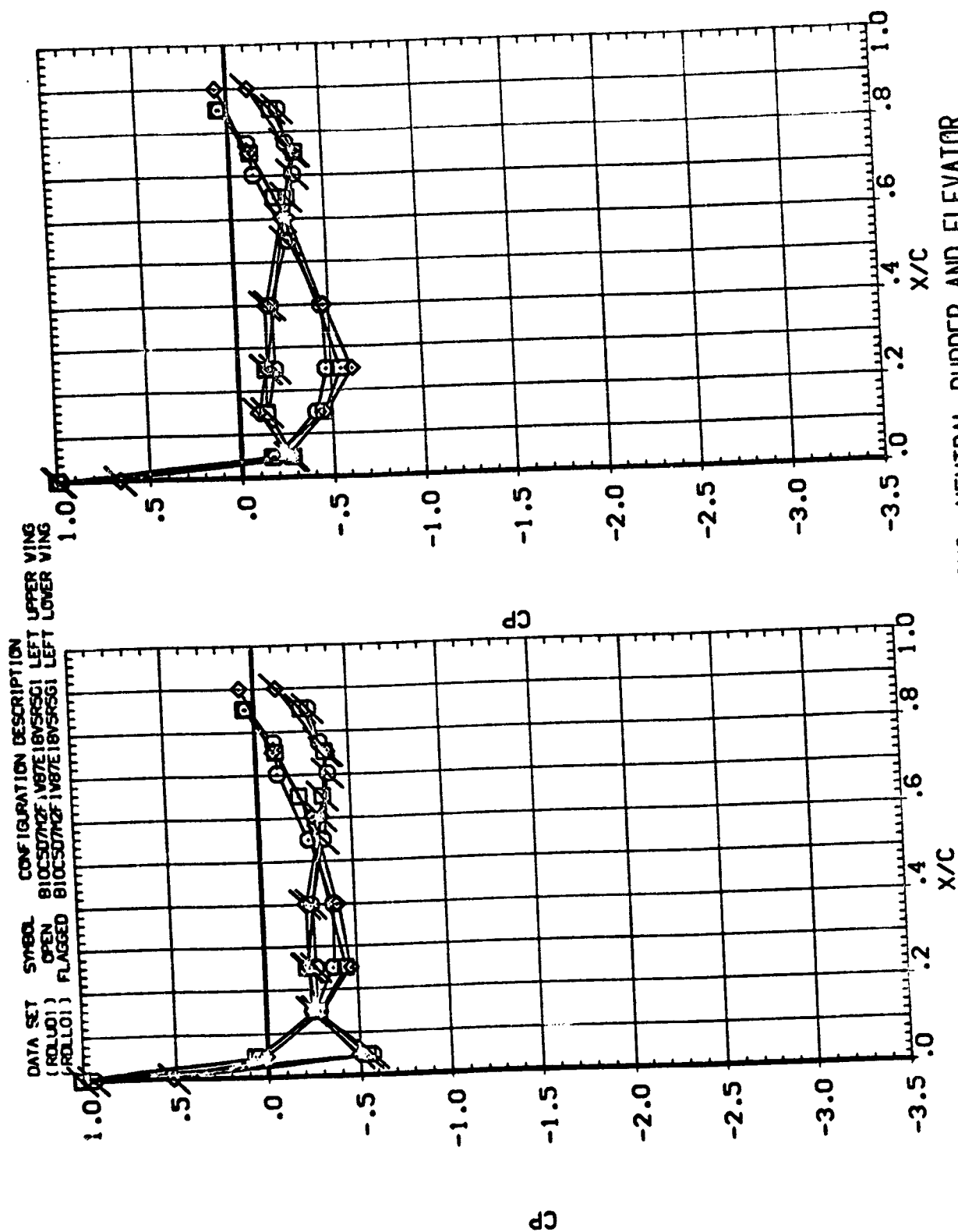


SYMBOL Y/B  
 ○ .673  
 □ .780  
 ◇ .887

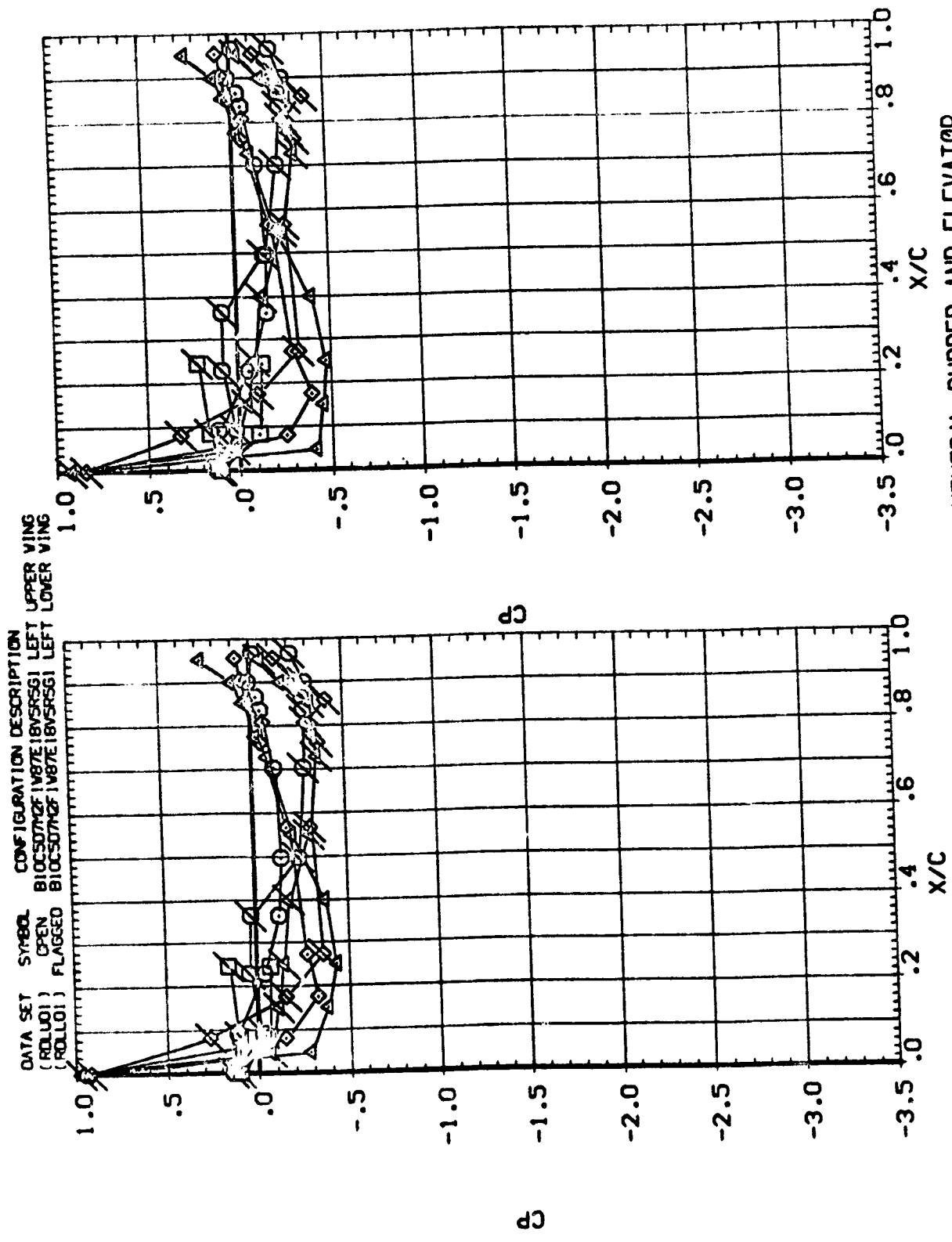
ALPHA  
 -3.010  
 -1.030

BETA  
 -10.030

PARAMETRIC VALUES  
 ELEVTR .000  
 RUDDER .000  
 RUOFLR 40.000  
 FLAP -19.000



SYMBOL	Y/B	ALPHA	BETA	PARAMETRIC VALUES		
				ELEVTR	RUDDER	.000
	.299	.000	-10.030	RUOFLR	40.000	FLAP
	.364	1.020				
	.427					
	.534					



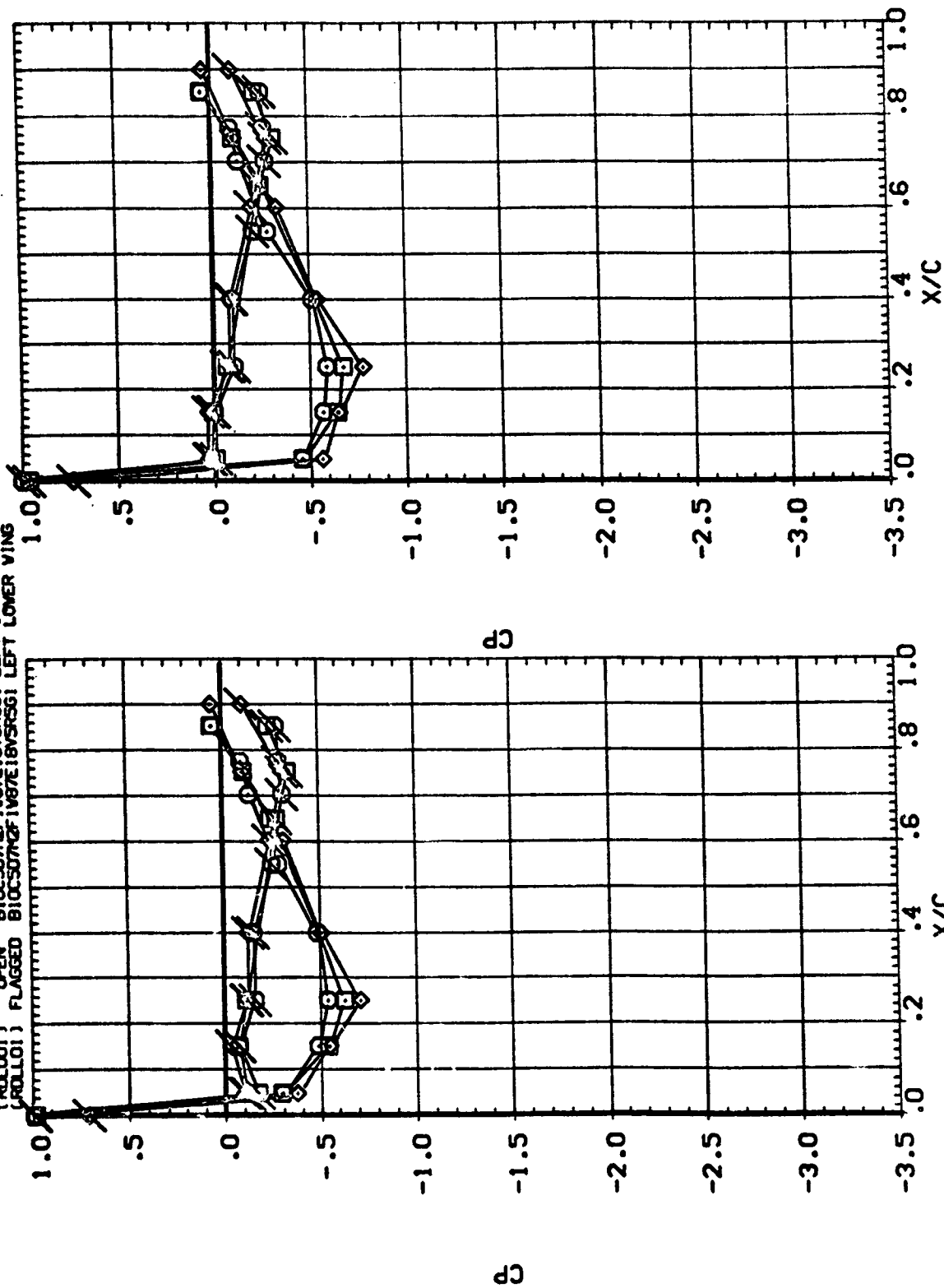
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



SYMBOL Y/B ALPHA BETA  
 .673 .000 -10.030  
 .780 1.020  
 .887

PARAMETRIC VALUES  
 ELEVTR .000  
 RUOFLR 40.000  
 RUDDER .000  
 CLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLLLOI) OPEN B10C507MZF1V87E18V5R5G1 LEFT UPPER VING  
 (ROLLLOI) FLAGGED B10C507MZF1V87E18V5R5G1 LEFT LOWER VING

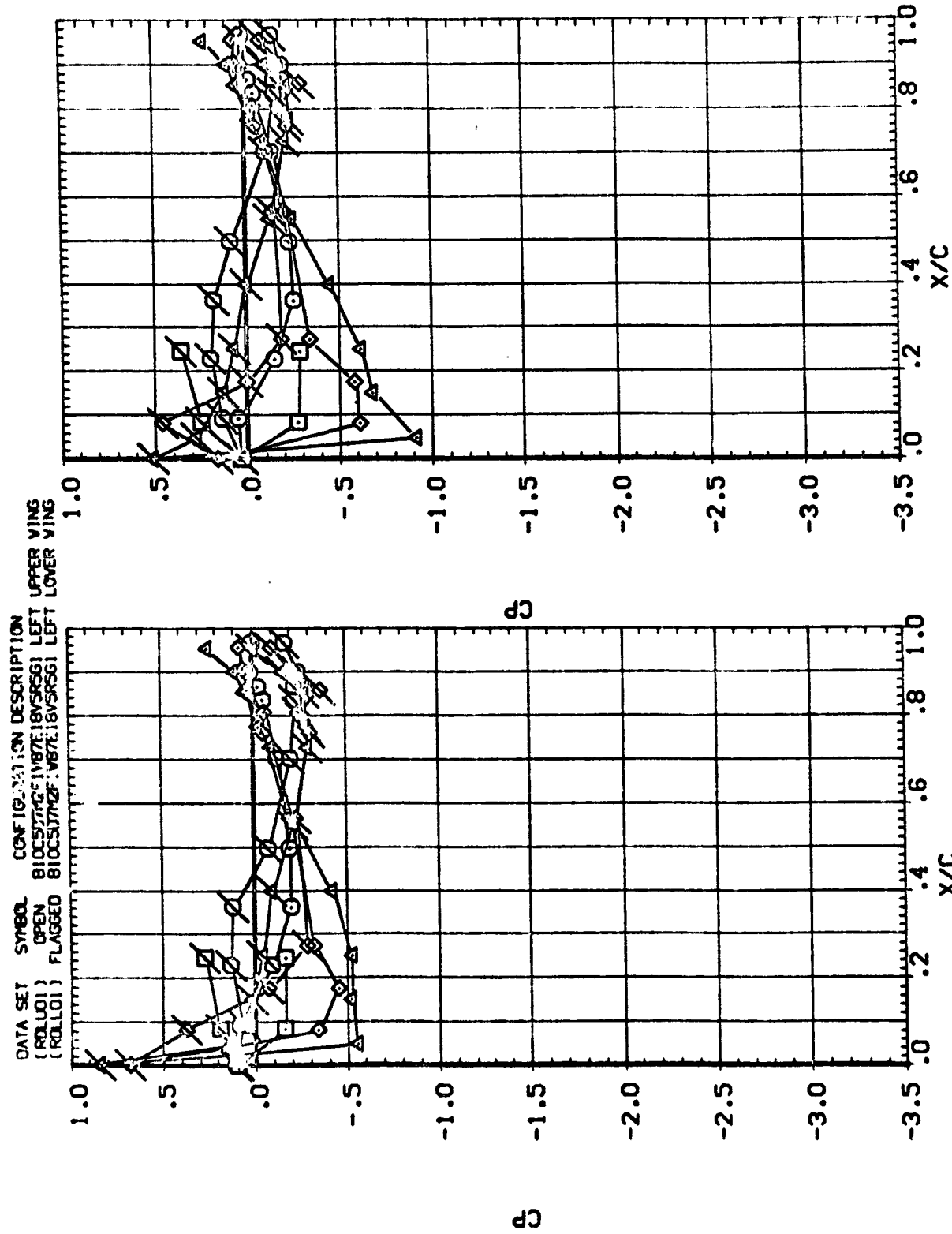


CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

5785

1/8	ALPHA	BETA
.299	2.040	-10.030
.364	4.050	
.427		
.534		

PARAMETRIC VALUES	
ELEVTR	.000
RUDDER	.000
FLAP	40.000
RUOFLR	-18.000



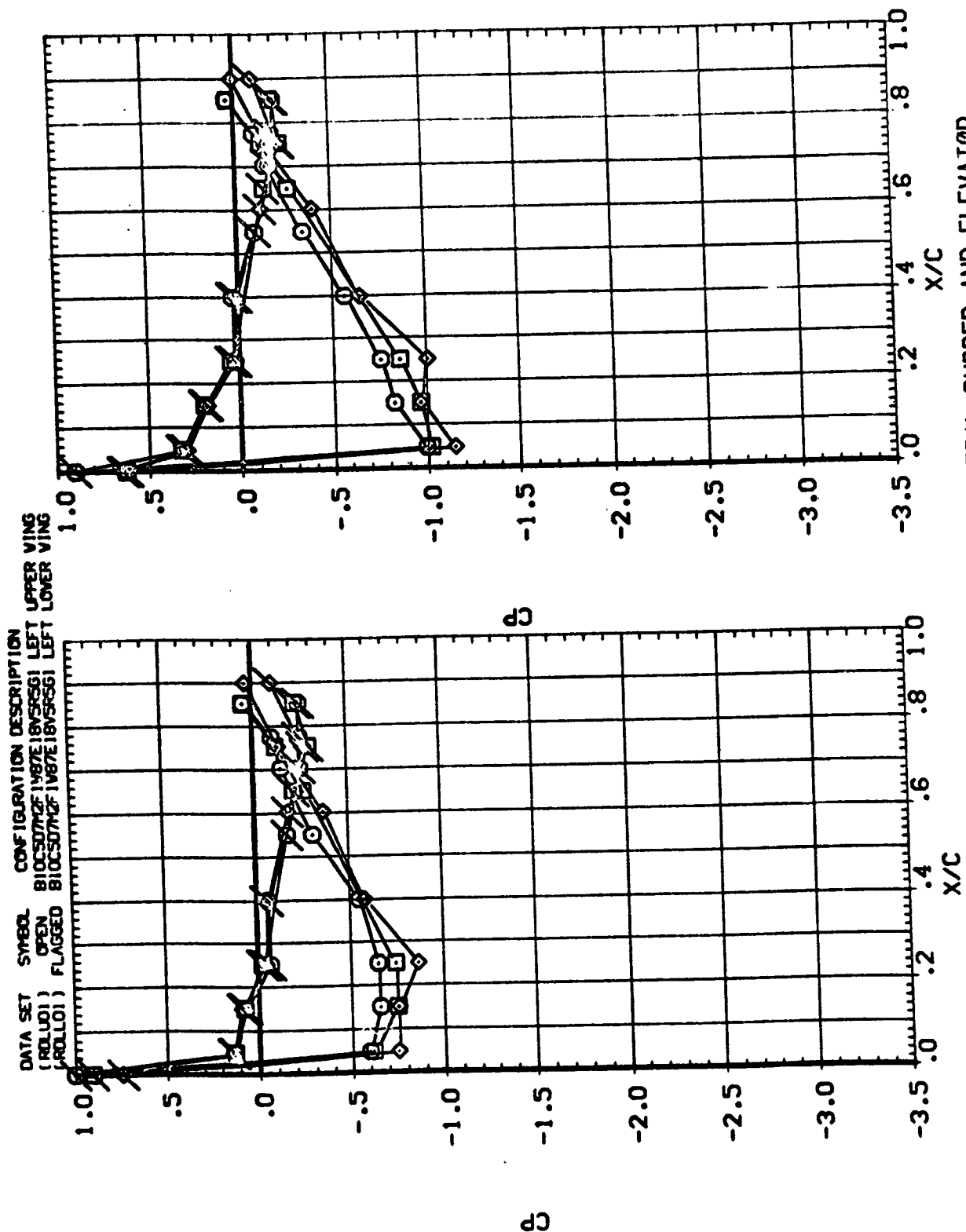
## CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



SYMBOL Y/B  
 .673  
 .780  
 .887

ALPHA BETA  
 2.040 -10.030  
 4.050

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



SYMBOL  
 ○ □ ◇ △

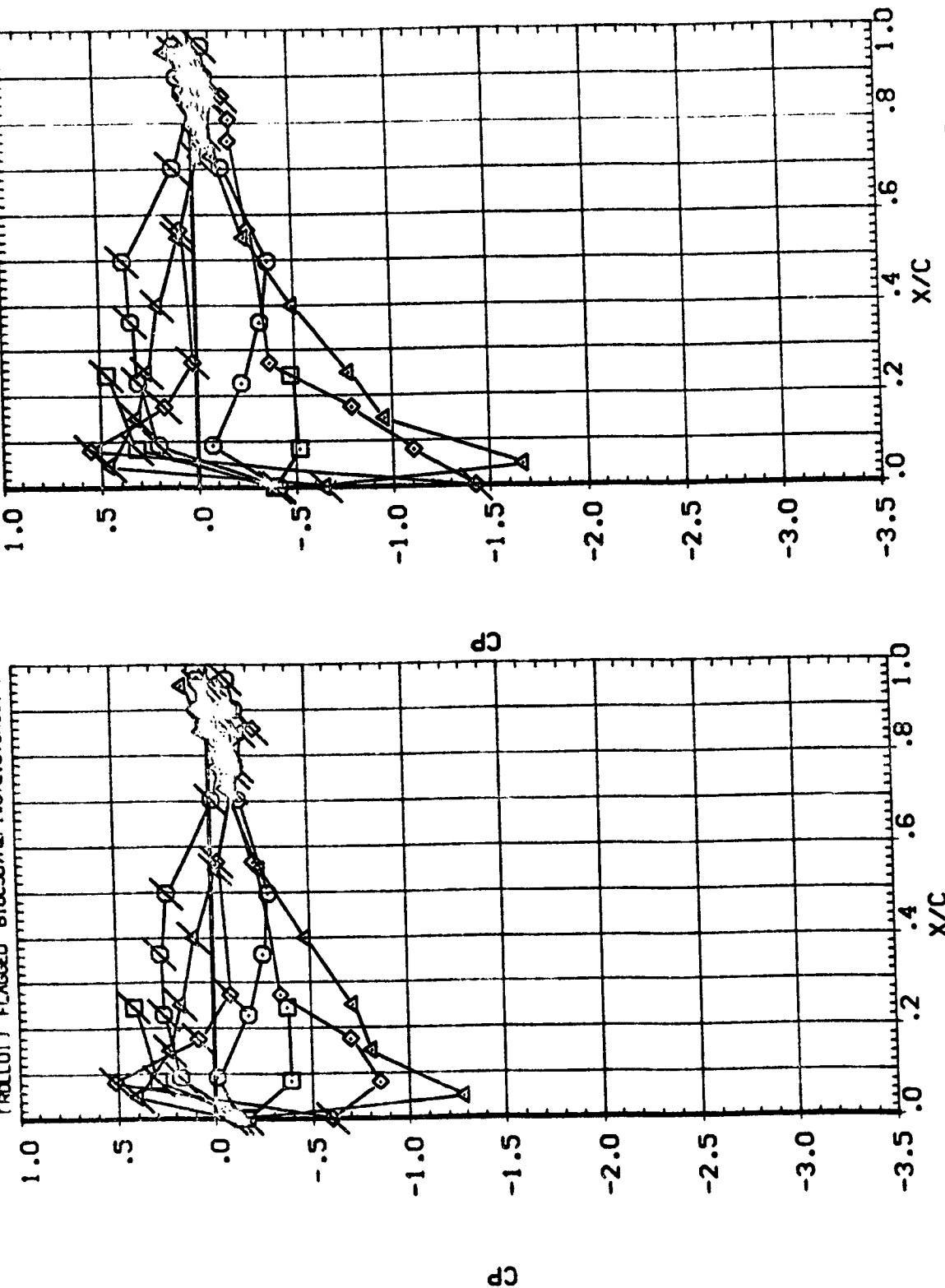
Y/B  
 .299  
 .364  
 .427  
 .534

ALPHA  
 6.080  
 8.100

BETA  
 -10.030

PARAMETRIC VALUES  
 ELEVTR .000  
 RUDDFLR 40.000  
 RUDDER .000  
 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL) OPEN B10C5D7MZF1V87E18VSR5G1 LEFT UPPER WING  
 (ROLL) FLAGGED B10C5D7MZF1V87E18VSR5G1 LEFT LOWER WING



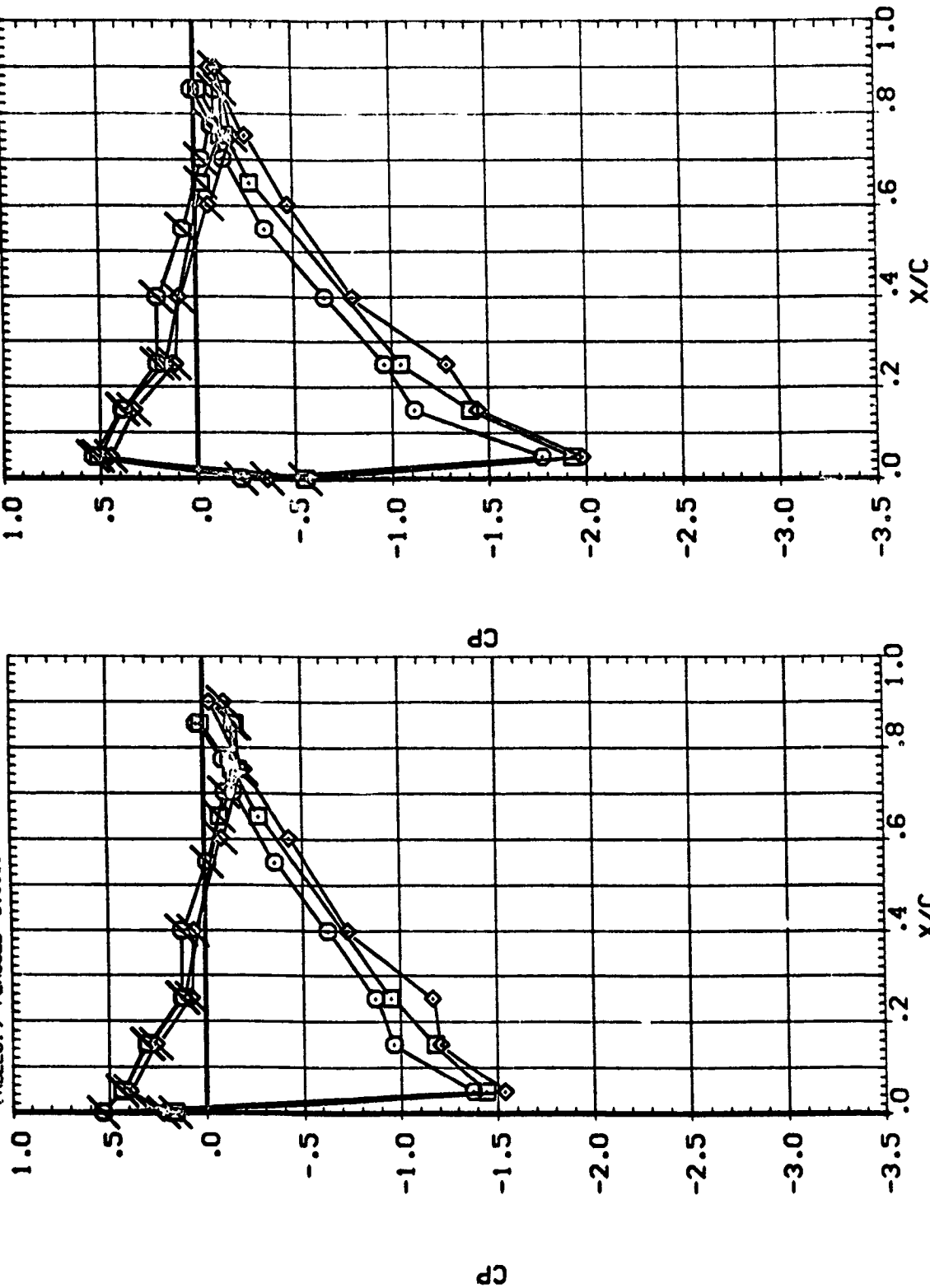
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



SYMBOL Y/B ALPHA BETA  
 .573 6.080 -10.030  
 .780 8.100  
 .887

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUDDLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL01) OPEN 810C507M2F1V87E18V5R5G1 LEFT UPPER WING  
 (ROLL01) FLAGGED 810C507M2F1V87E18V5R5G1 LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



PARAMETRIC VALUES

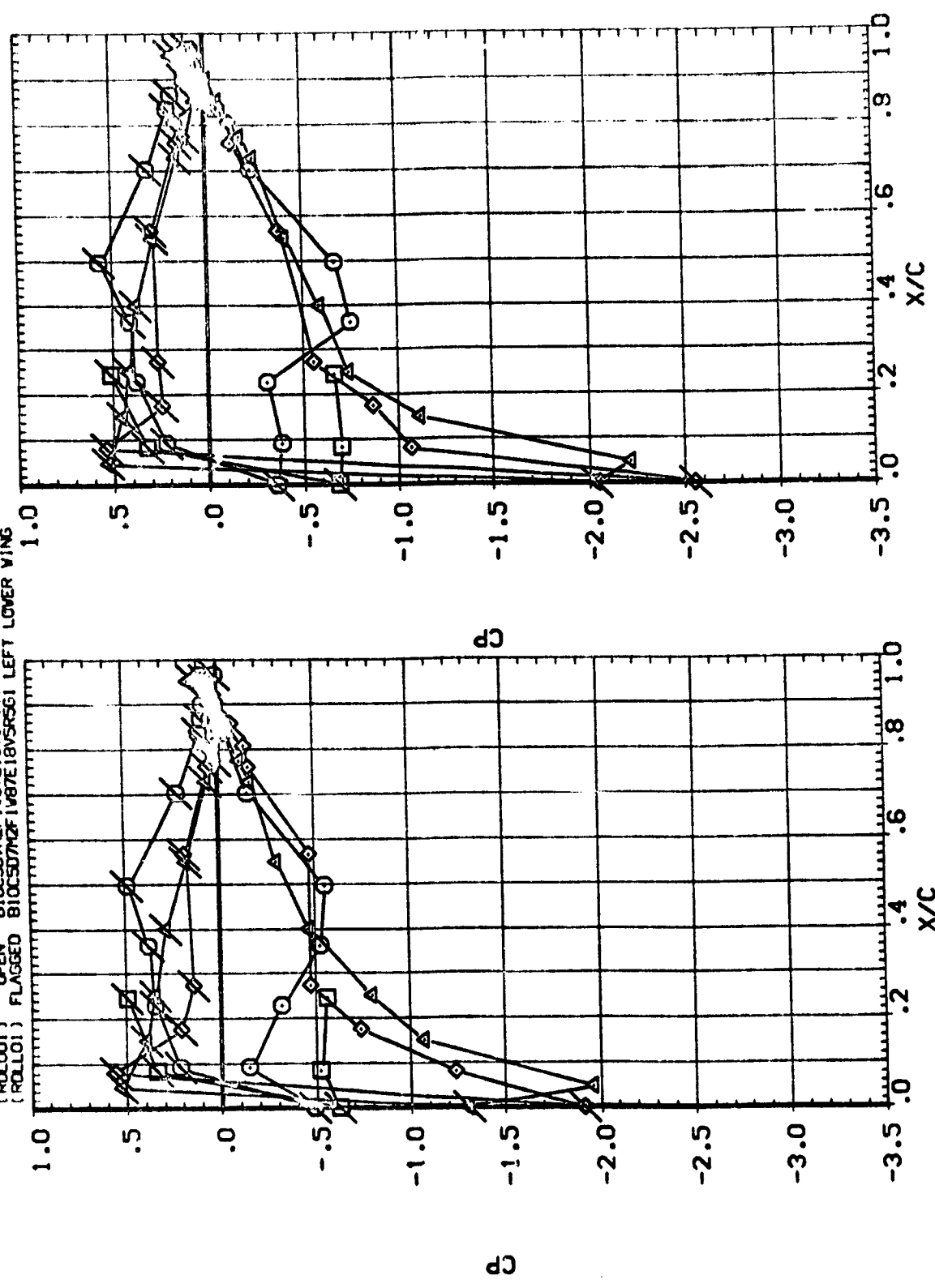
ELEVTR	.000	RUDDER	.000
RUOFLR	40.000	FLAP	-18.000

SYMBOL    Y/B    ALPHA    BETA

○	.299	10.140	-10.030
□	.364	12.170	
◇	.427		
△	.534		

DATA SET    SYMBOL    CONFIGURATION DESCRIPTION

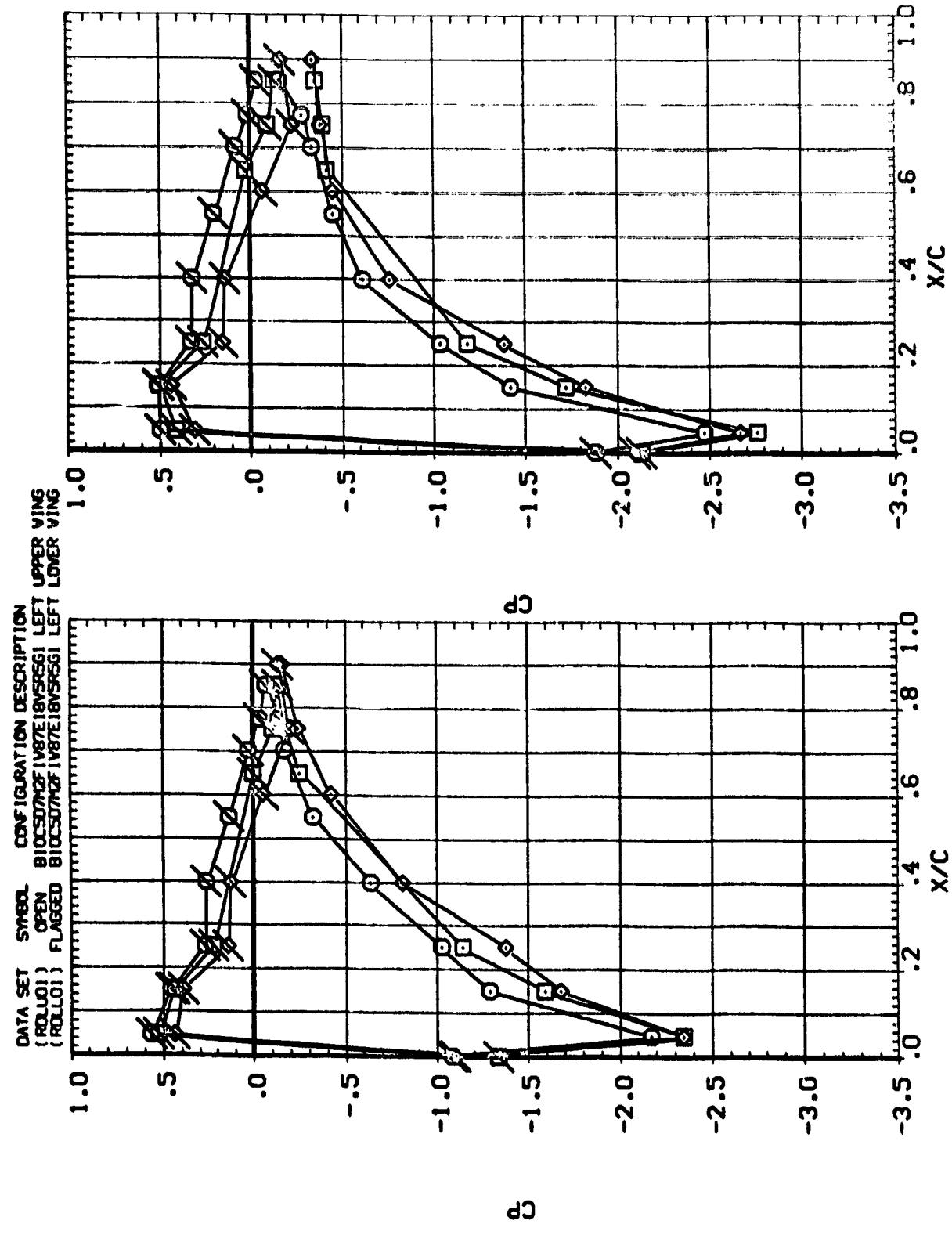
(ROLL1)	OPEN	B10C507MZF1V87E18VSRSG1	LEFT UPPER VING
(ROLL1)	FLAGED	B10C507MZF1V87E18VSRSG1	LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



SYMBOL	Y/B	ALPHA	BETA	PARAMETRIC VALUES			
				ELEVTR	.000	RUDER	.000
				RUDFLR	40.000	FLAP	-18.000



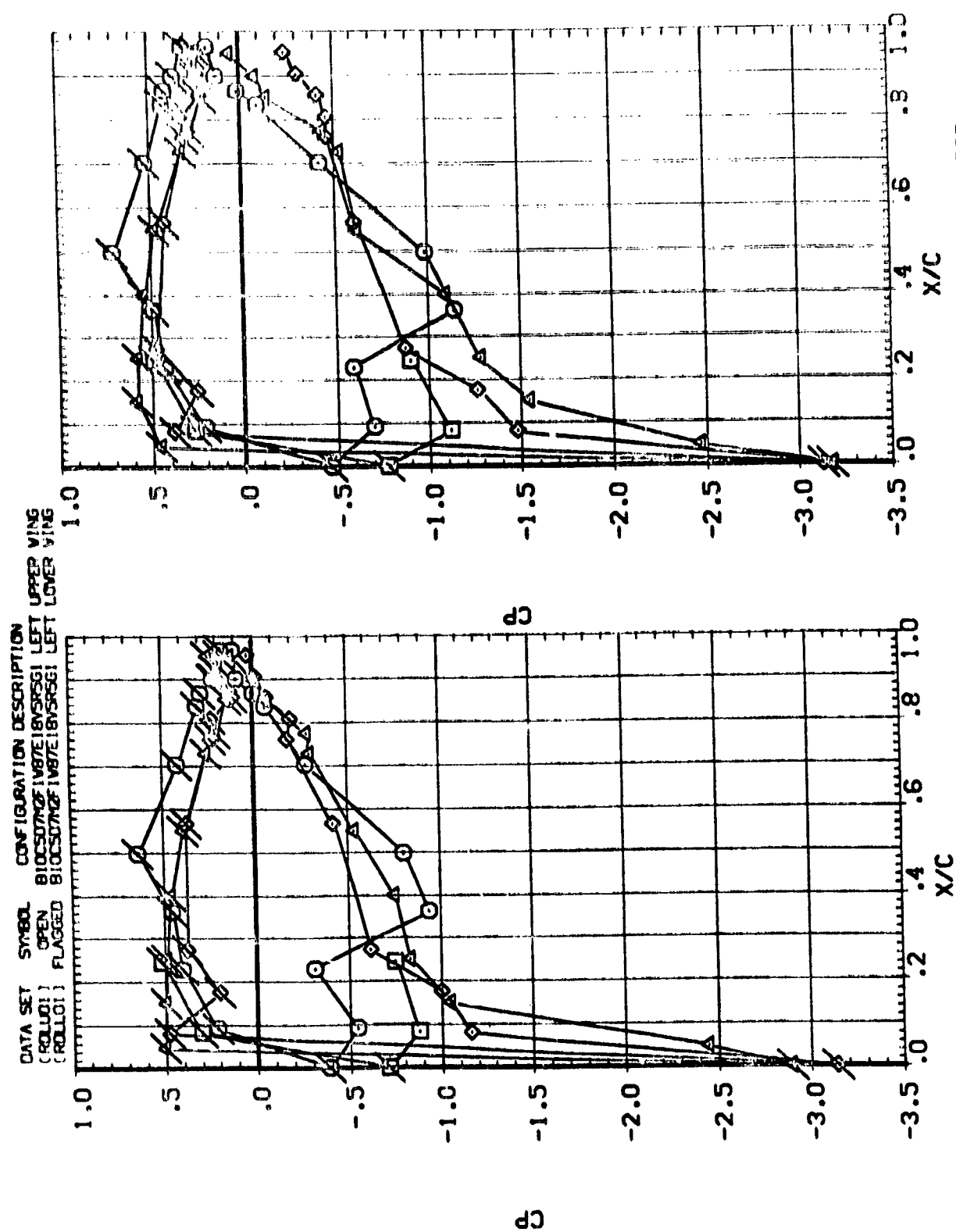
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES

ELSVTR	.000	RUDDER	.000
RUDDLR	40.000	FLAP	-19.000

SYMBOL     $\gamma/\epsilon$     ALPHA    BETA

○	.299	14.300	-10.030
□	.364	16.300	
◇	.427		
△	.534		





SYMBOL  $\gamma/\beta$

○ .673

□ .780

◇ .887

ALPHA

14.300

16.300

BETA

-10.030

ELEVTR

RUOFLR

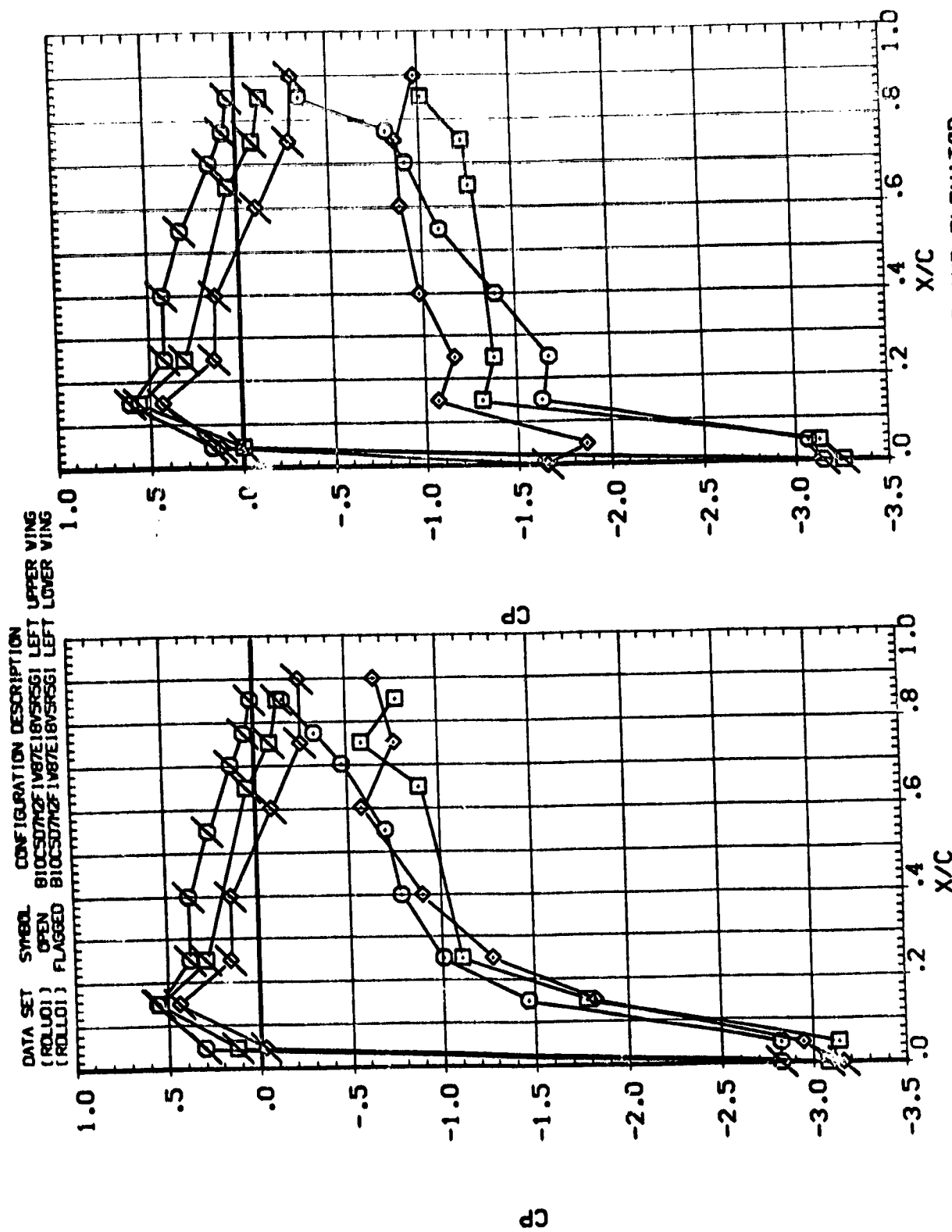
PARAMETRIC VALUES

.000 RUDDER

40.000 FLAP

.000

-18.000



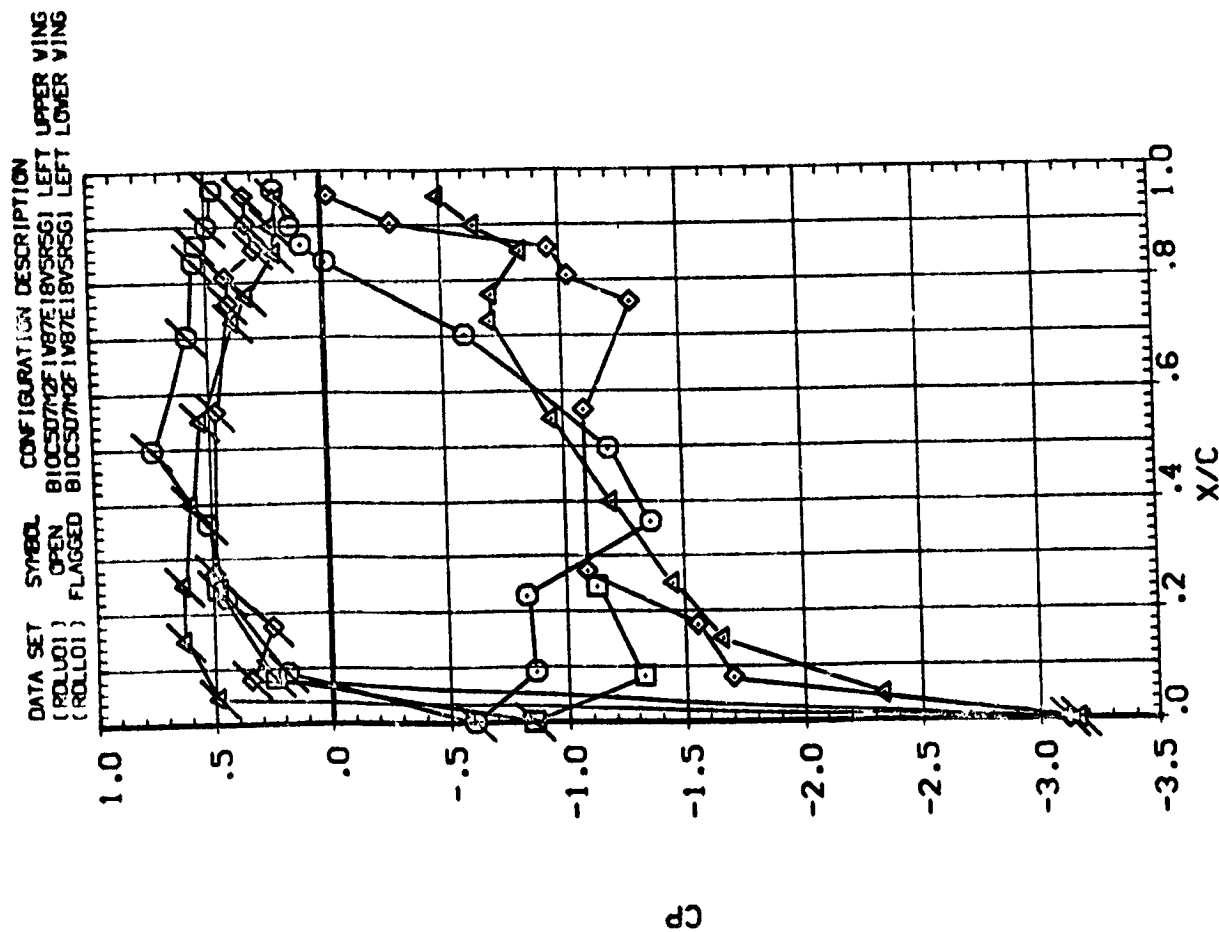
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES

ELEVTR	.000	RUDDER	.000
RUOFLR	40.000	FLAP	-19.000

SYMBOL    Y/B    ALPHA    BETA

○	.299	18.310	-10.030
□	.364		
◇	.427		
△	.534		



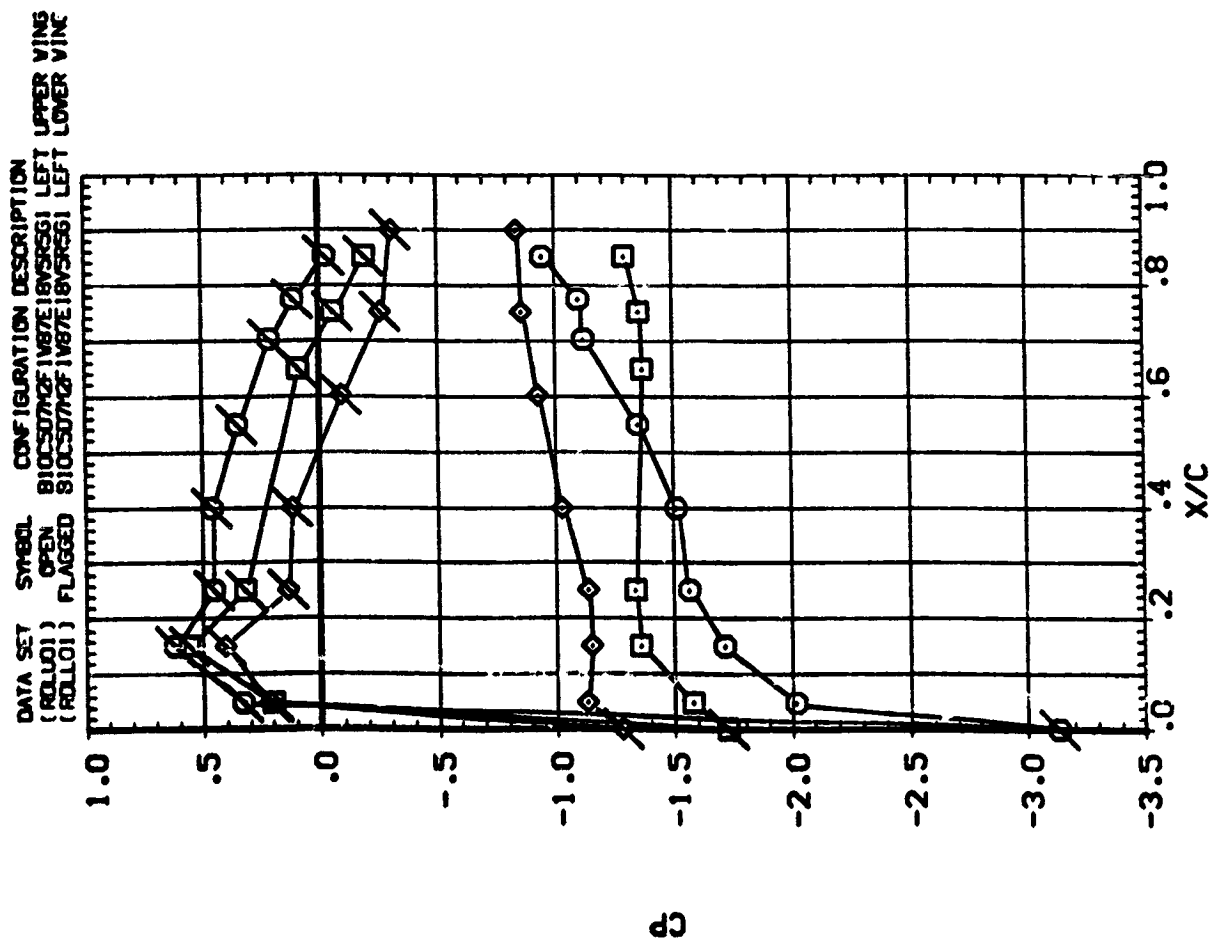


SYMBOL V/B  
 □ .673  
 ◇ .780  
 ◇ .887

ALPHA 18.310  
 BETA -10.030

PARAMETRIC VALUES  
 .000 RUDDER .000  
 40.000 FLAP -18.000

ELEVTR  
 RUOFLR



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES

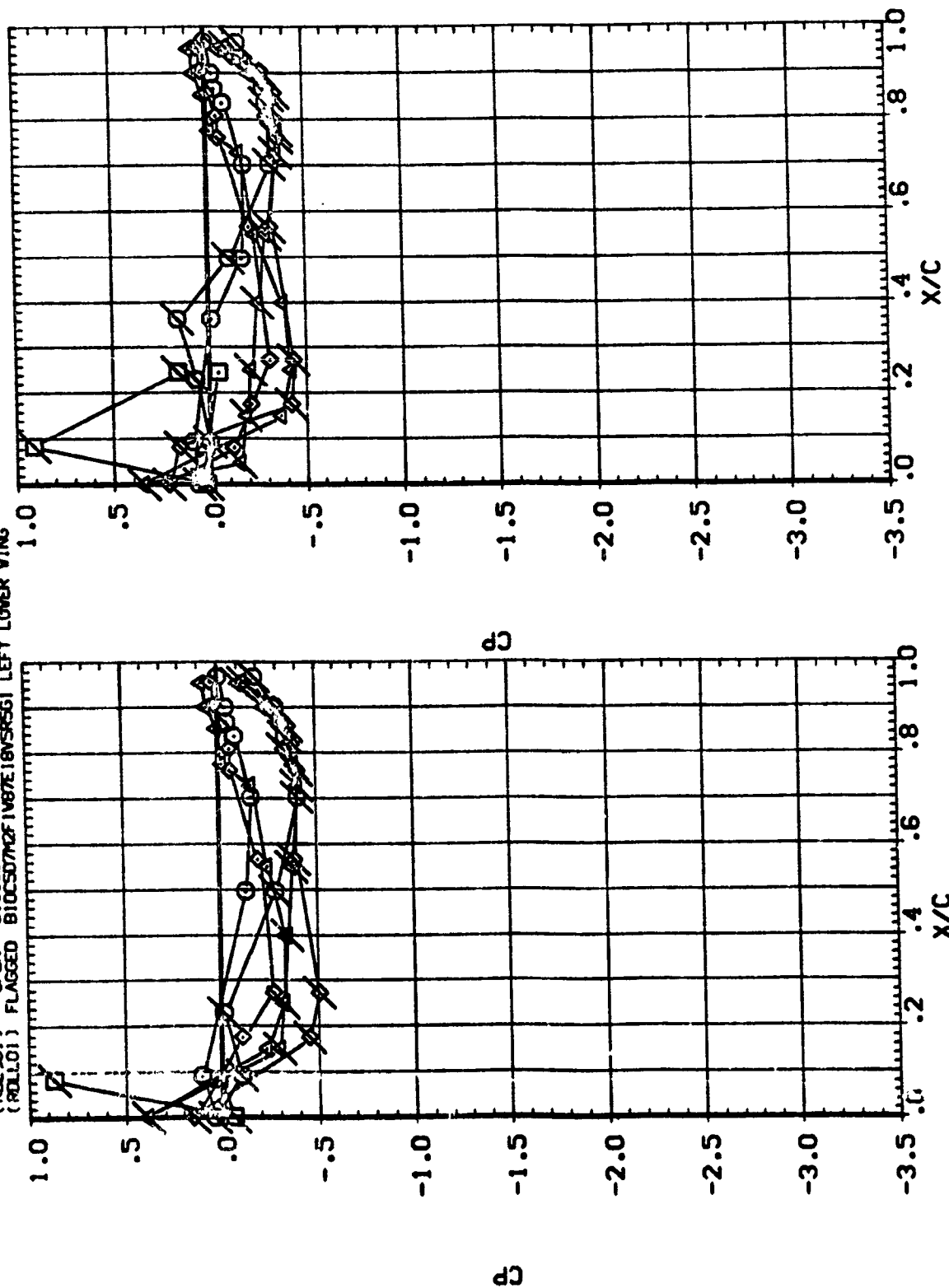
ELEVTR	.000	RUDDER	.000
RUOFLR	40.000	FLAP	-18.000

SYMBOL    Y/B    ALPHA    BETA

○	.259	-5.030	-5.000
□	.364	-1.010	
◇	.427		
△	.534		

DATA SET    SYMBOL    CONFIGURATION DESCRIPTION

(ROLL01)	OPEN	B10CS07MCF1V87E18VS95G1 LEFT UPPER VING
(ROLL01)	FLAGGED	B10CS07MCF1V87E18VS95G1 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



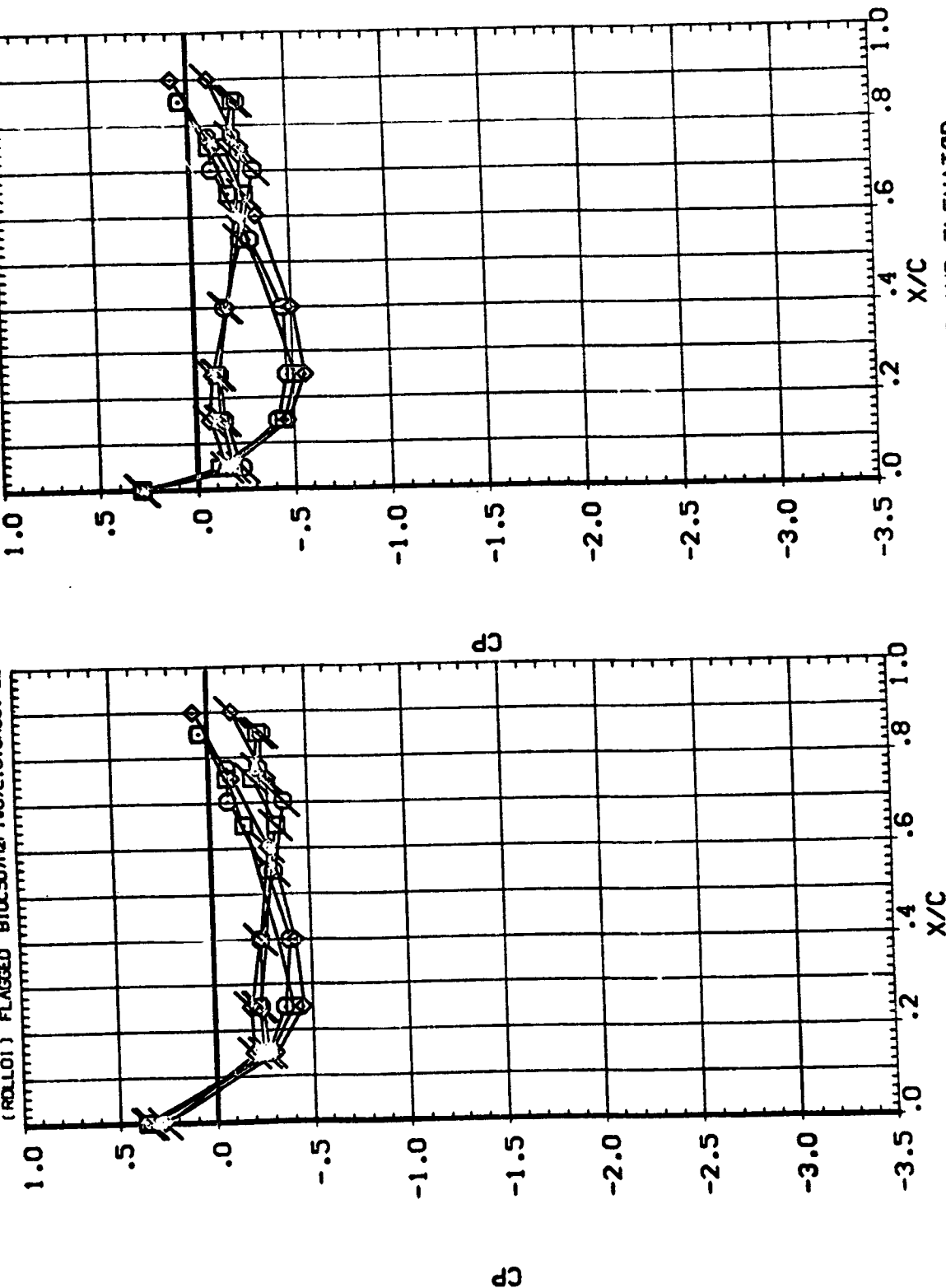
SYMBOL Y/B  
 ○ .673  
 □ .780  
 ◇ .887

ALPHA  
 -3.030  
 -1.010

BETA  
 -5.000

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL) OPEN B10C507MZF1V87E18VSRS5G1 LEFT UPPER VING  
 (ROLL) FLAGGED B10C507MZF1V87E18VSRS5G1 LEFT LOWER VING



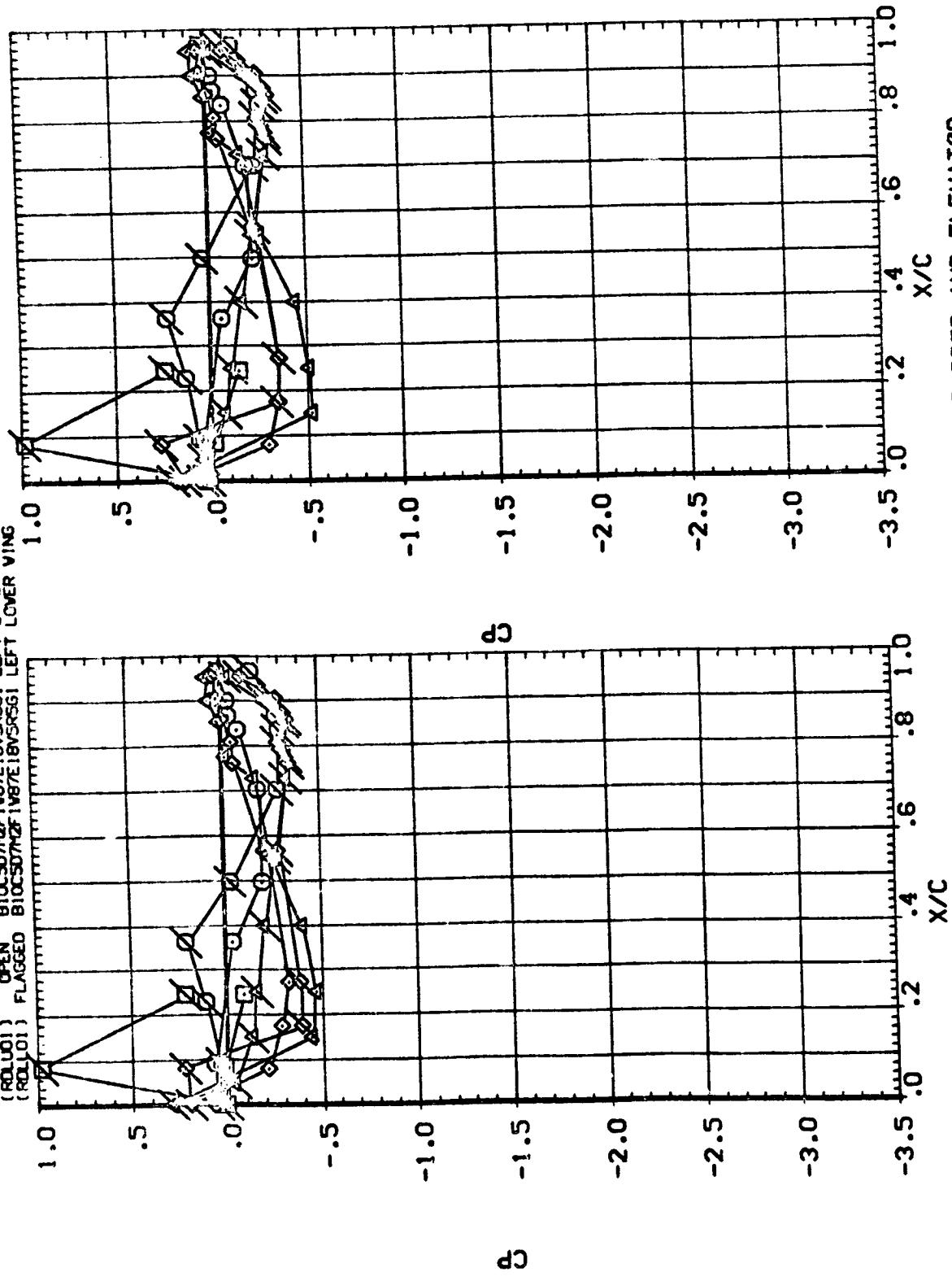
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



PARAMETRIC VALUES  
 .000 RUDDER  
 .000 FLAP  
 40.000  
 ELEVTR  
 RUOFLR

SYMBOL  $\gamma/\beta$  ALPHA BETA  
 .299 .010 -5.000  
 .364 .390  
 .427  
 .534

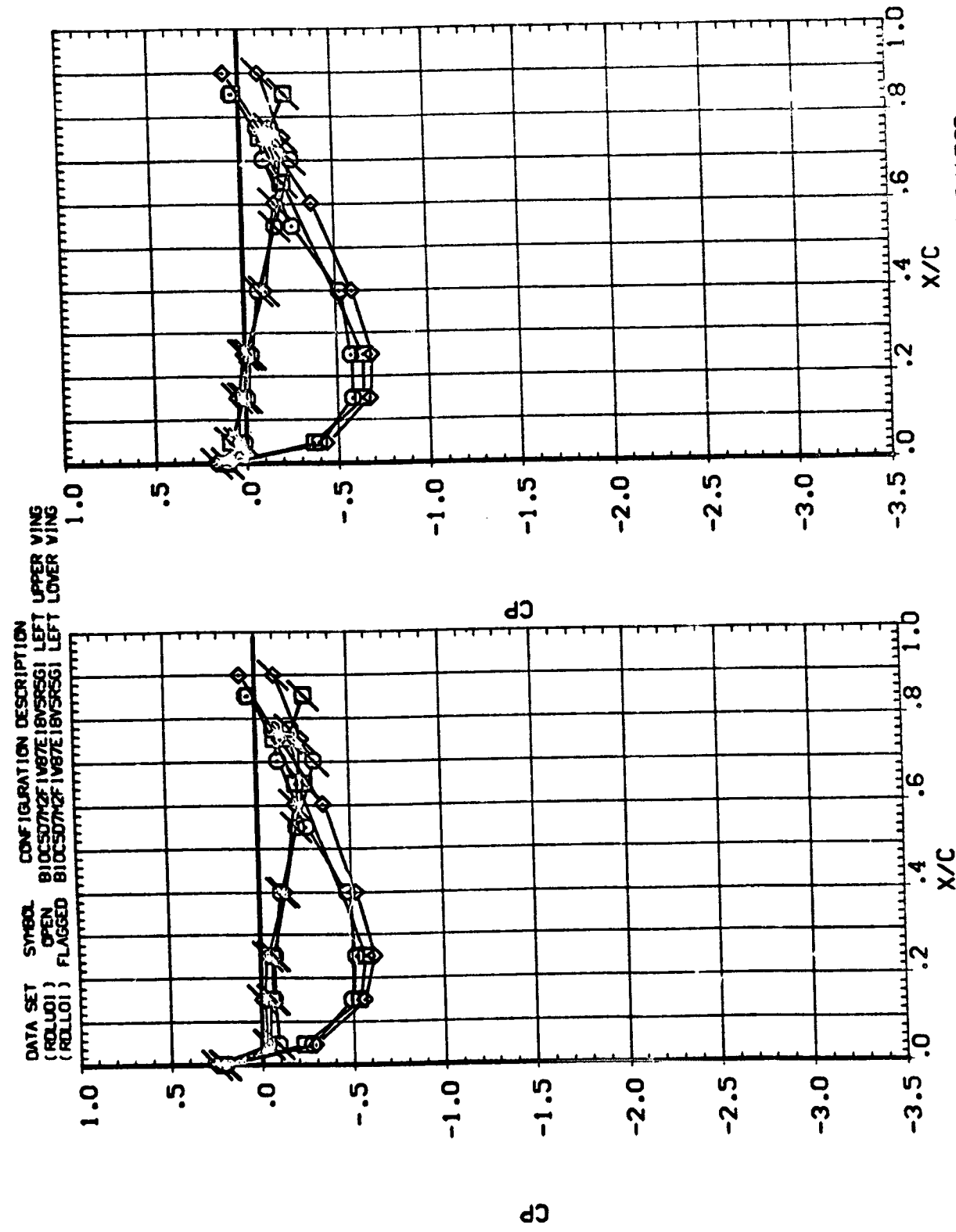
DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL1) OPEN B10C507M2F1V87E18V5R5G1 LEFT UPPER WING  
 (ROLL1) FLAGGED B10C507M2F1V87E18V5R5G1 LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



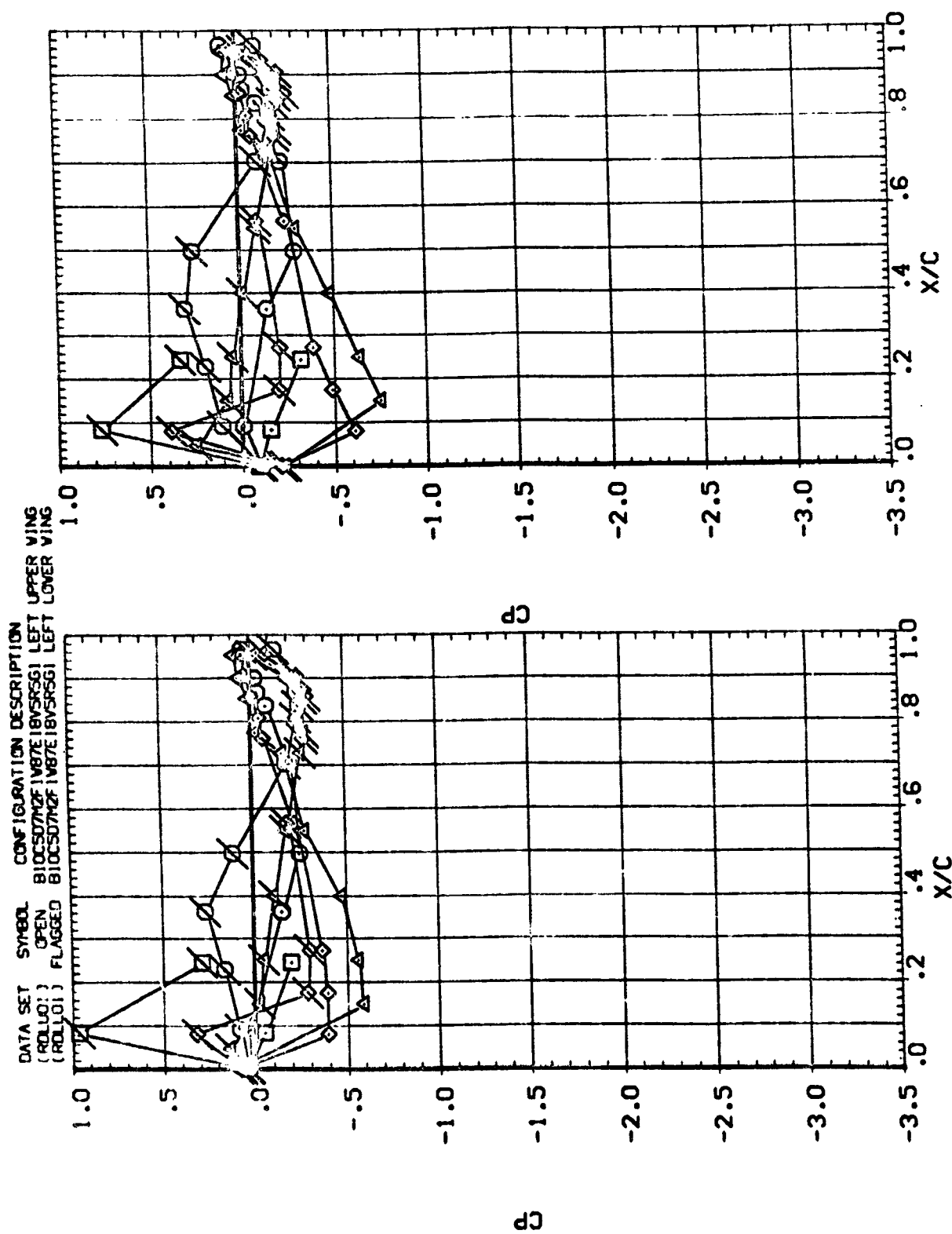
SYMBOL	Y/B	ALPHA	BETA	ELEVTR	RUOFLR	PARAMETRIC VALUES
○	.673	.010	-5.000	.000	.000	RUDDER
□	.780	.990		40.000	FLAP	-18.000
◇	.887					



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

ALPHA	BETA
2.020	-5.000
4.020	

PARAMETRIC VALUES	
ELEVTR	.000
ROOFTR	40.000
ROOFBR	FLAP
	-19.000



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



SYMBOL    Y/B    ALPHA    BETA

○    .673    2.020    -5.000

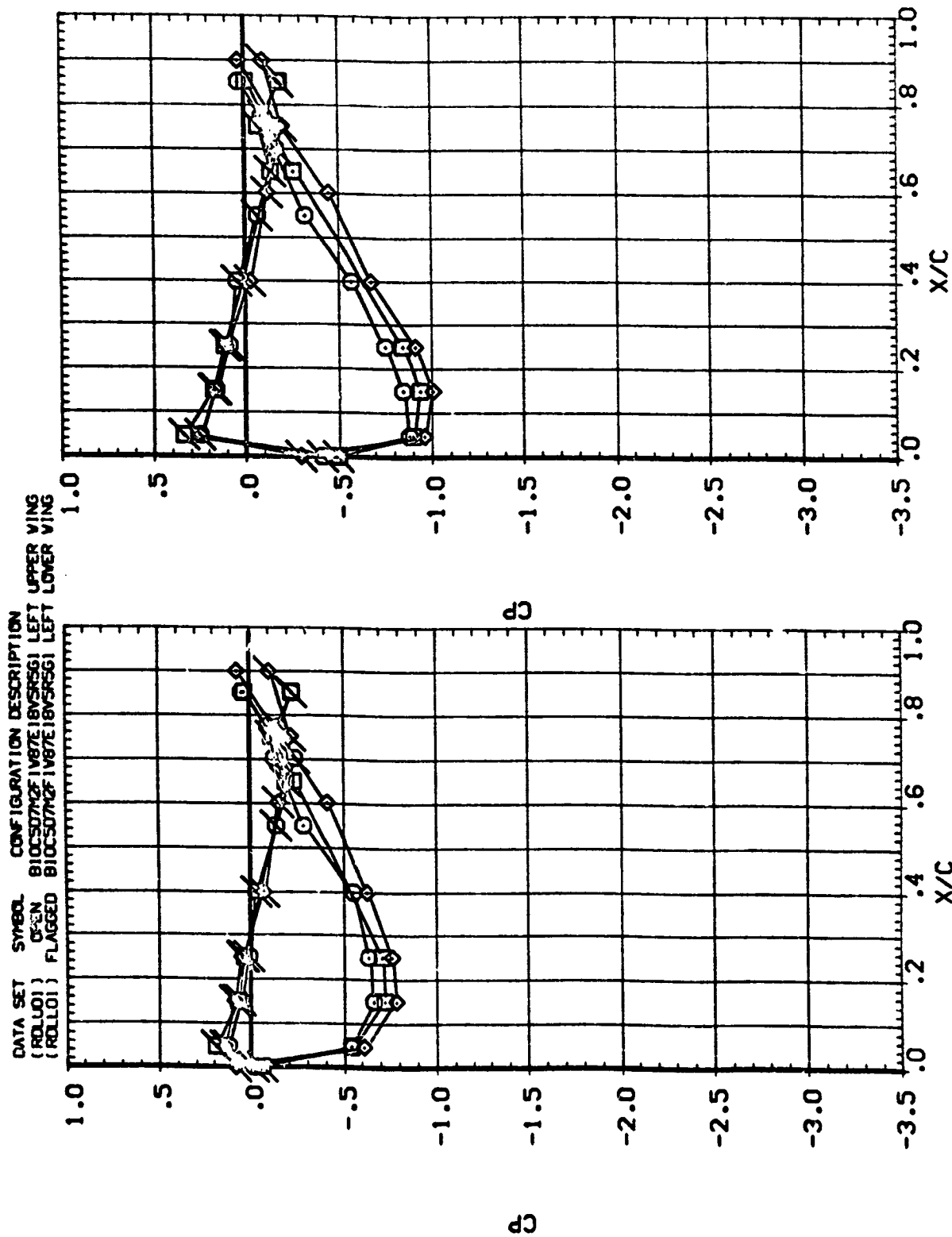
□    .780    4.020

◇    .887

PARAMETRIC VALUES

ELEVTR    .000    RUDDER    .000

RUOFLR    40.000    FLAP    -18.000



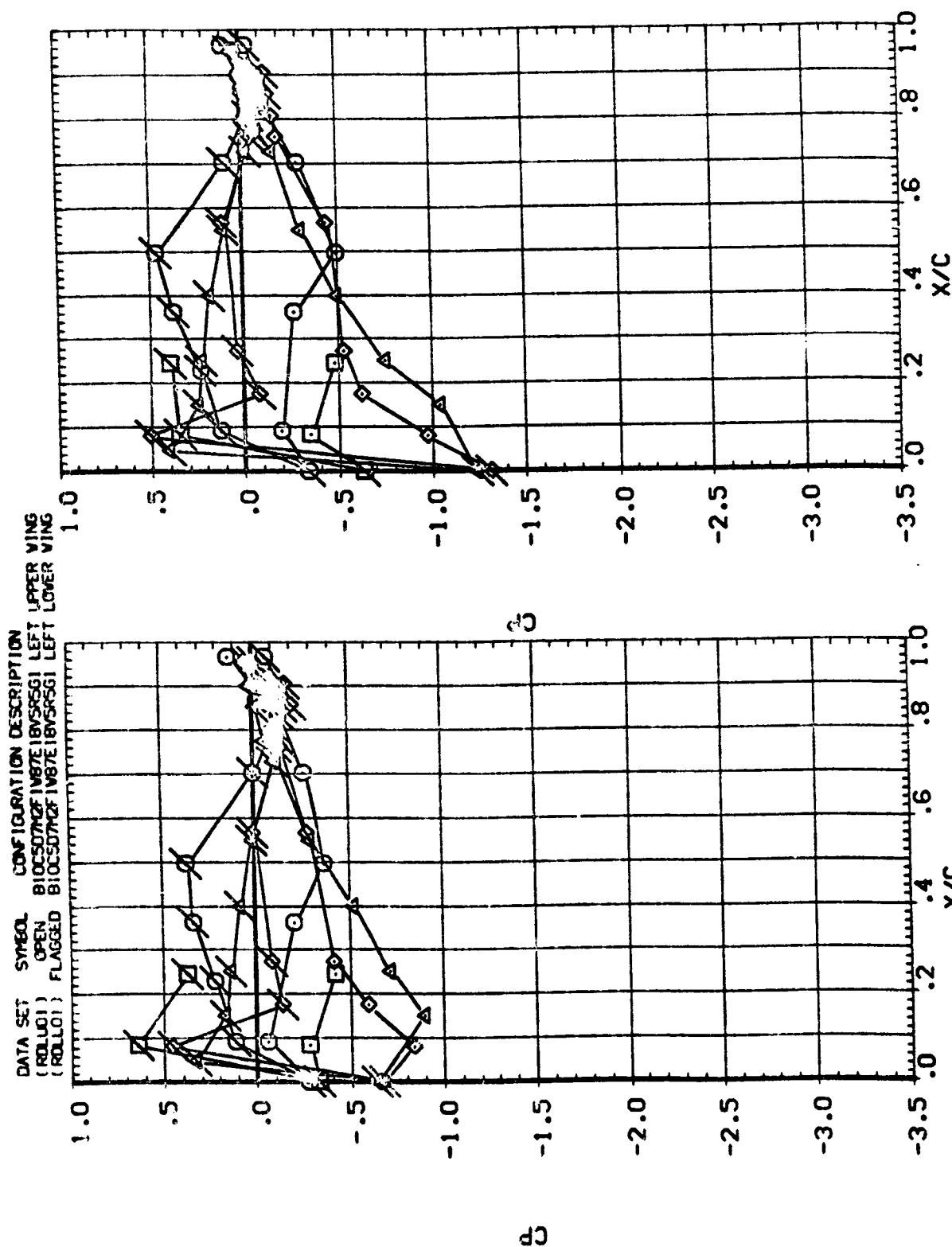
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES

	.000	.000	.000
ELEVTR	40.000	RUDDER	-18.000
RUOFLR		FLAP	

SYMBOL

Y/B	ALPHA	BETA
.299	6.070	-5.000
.364	8.120	
.427		
.534		



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



SYMBOL  
 ○ □ ◇

Y/B  
 .673  
 .780  
 .887

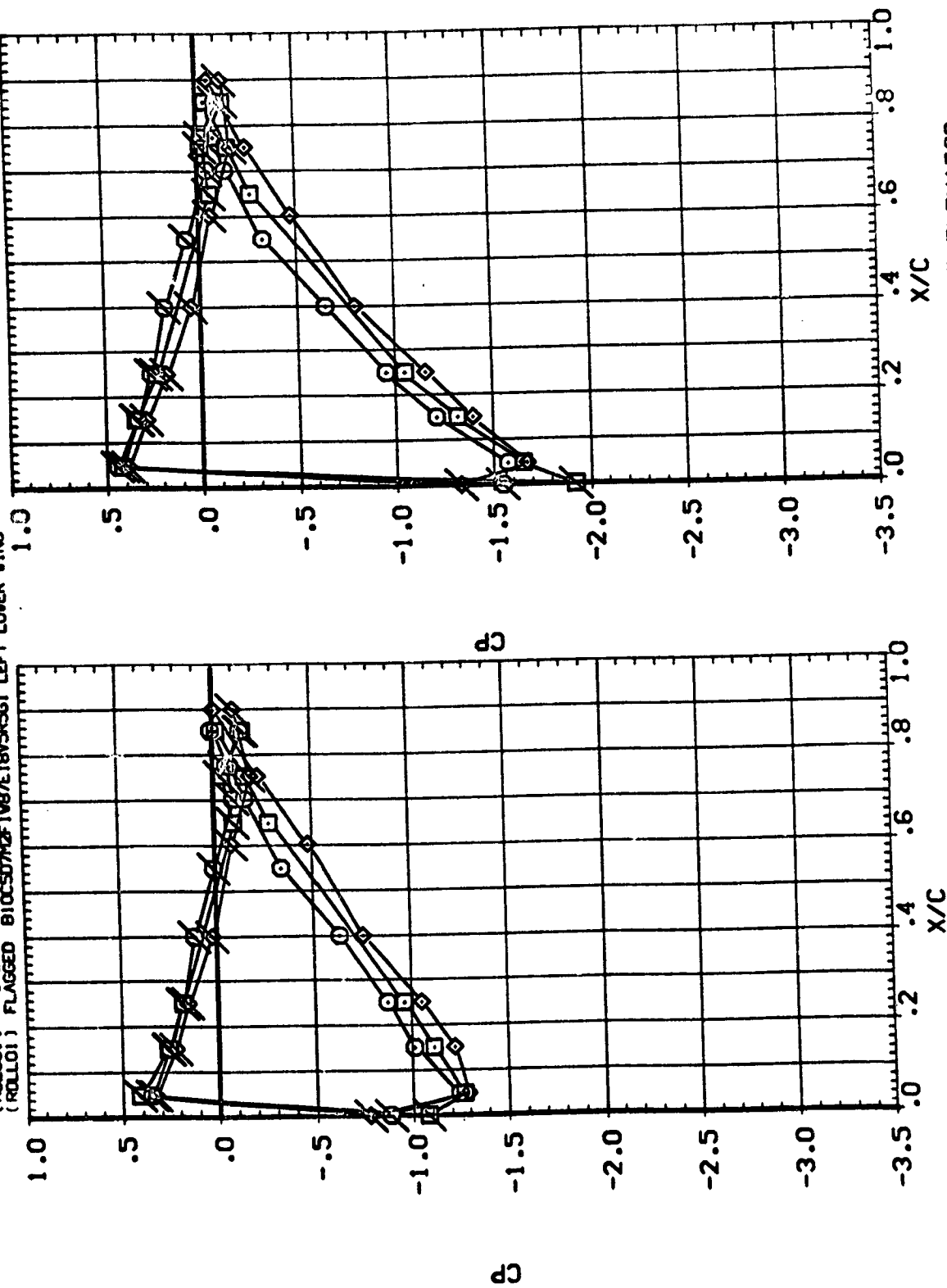
ALPHA  
 6.070  
 8.120

BETA  
 -5.000

PARAMETRIC VALUES  
 ELEVTR .000  
 RUOFLR 40.000

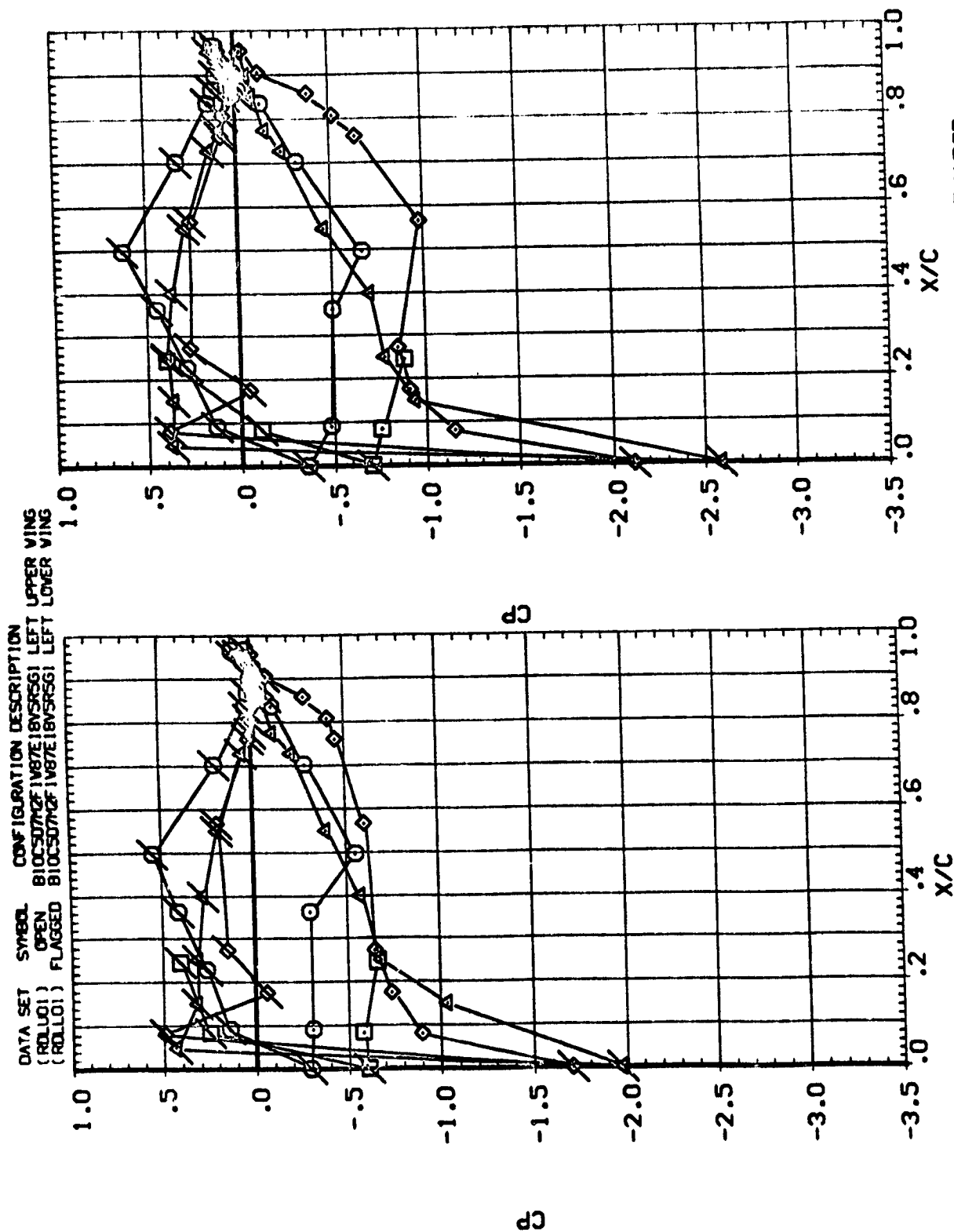
RUDDER .000  
 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL1) OPEN 810C507M2F1V87E18V5R5G1 LEFT UPPER VING  
 (ROLL1) FLAGGED 810C507M2F1V87E18V5R5G1 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

SYMBOL	Y/B	ALPHA	BETA	ELEVTR	PARAMETRIC VALUES
○	.299	10.160	-5.000	RUDFLR	.000 RUDDER
□	.364	12.180			40.000 FLAP
◇	.427				-18.000
△	.534				





SYMBOL  
 ○ □ ◇

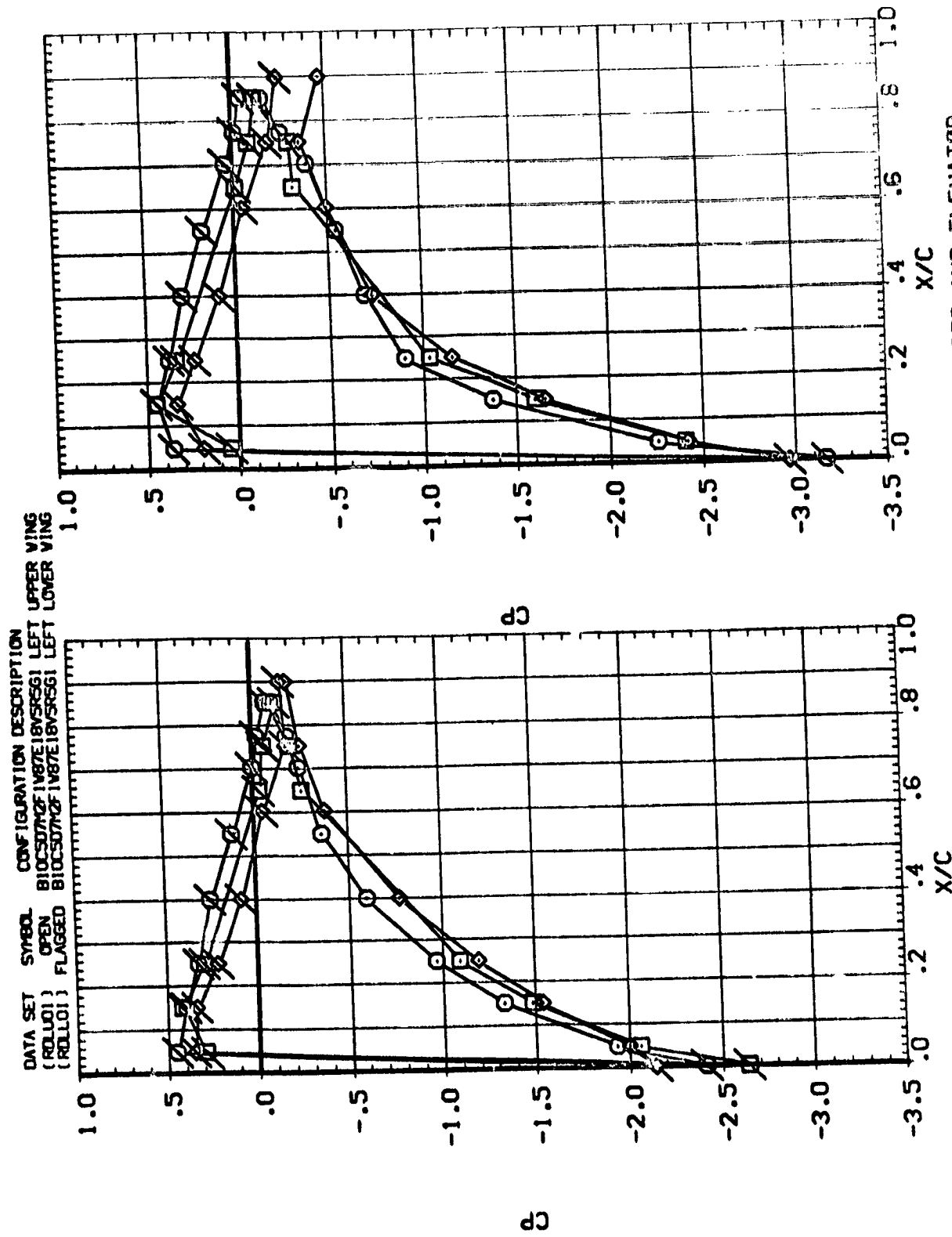
Y/B .573  
 .780  
 .887

ALPHA 10.160  
 12.180

BETA -5.000

PARAMETRIC VALUES

ELEVTR	.000	RUDDER	.000
RUDFLR	40.000	FLAP	-18.000

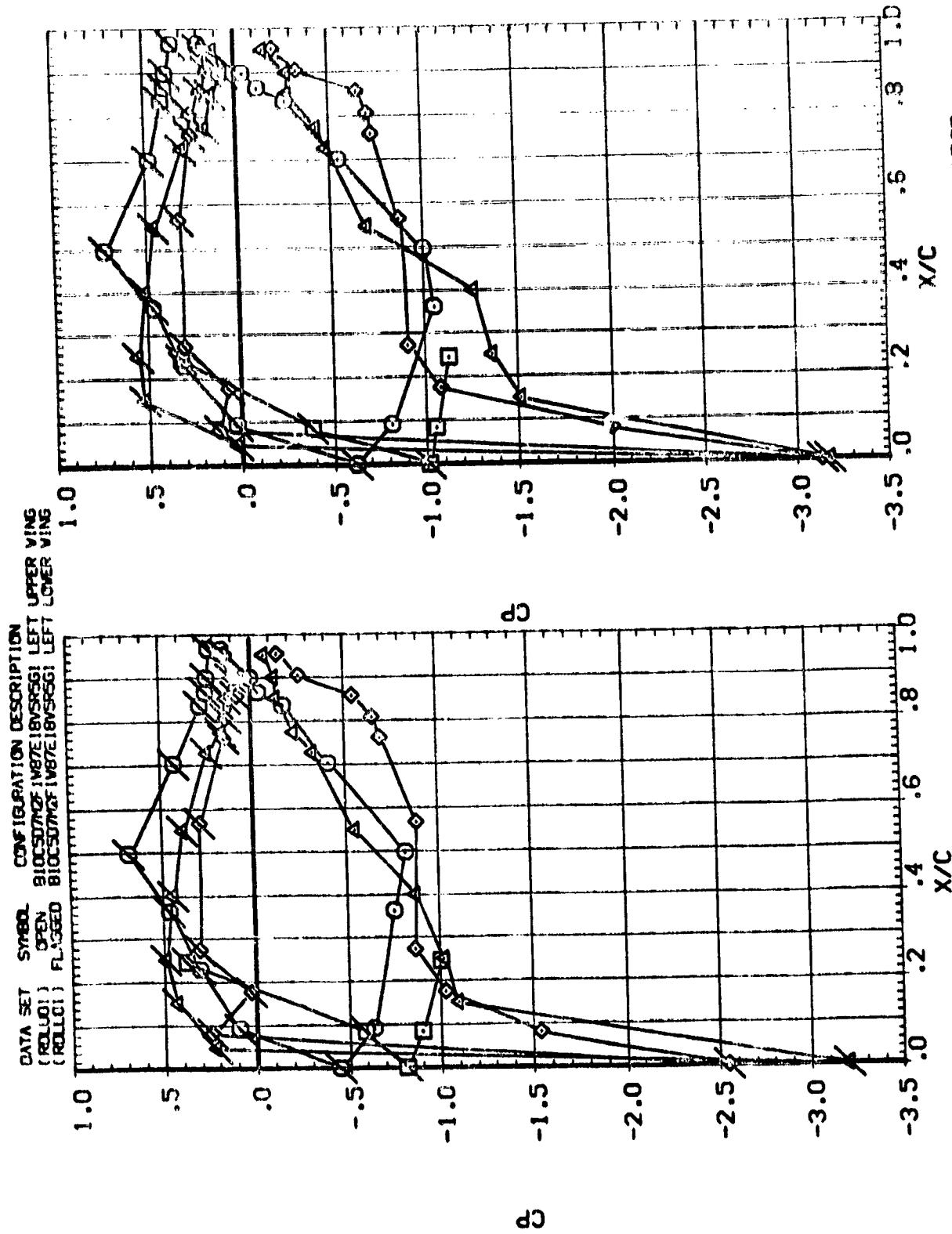


CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR





SYMBOL	Y/B	ALPHA	BETA	PARAMETRIC VALUES		
				ELEVTR	RUDDER	FLAP
○	.299	14.220	-5.000	.000	.000	.000
□	.364	16.250		40.000	20.000	-19.000
◇	.427					
△	.534					



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

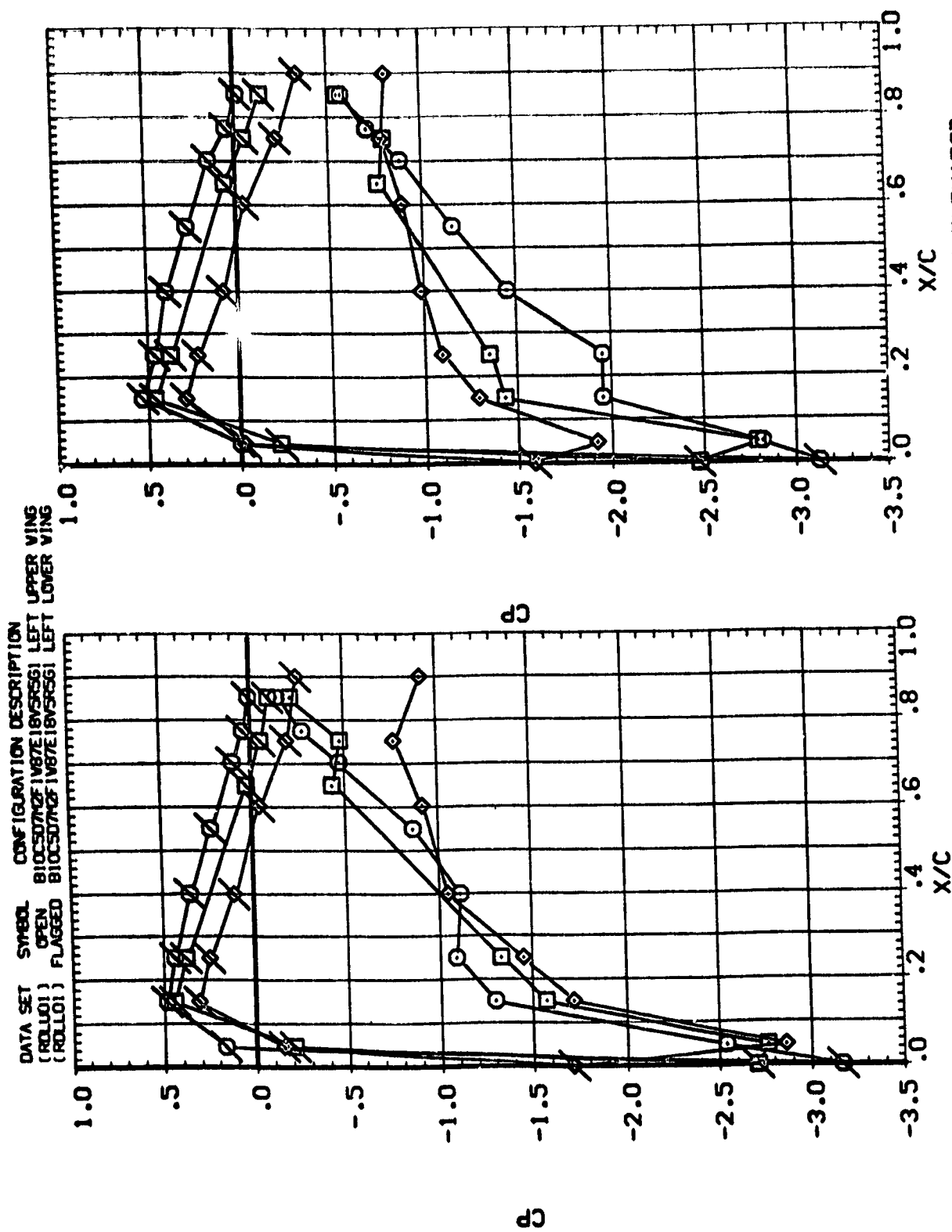


SYMBOL  $\gamma/\delta$   
 ○ .673  
 □ .780  
 ◇ .887

ALPHA  
 14.220  
 16.250

BETA  
 -5.000

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



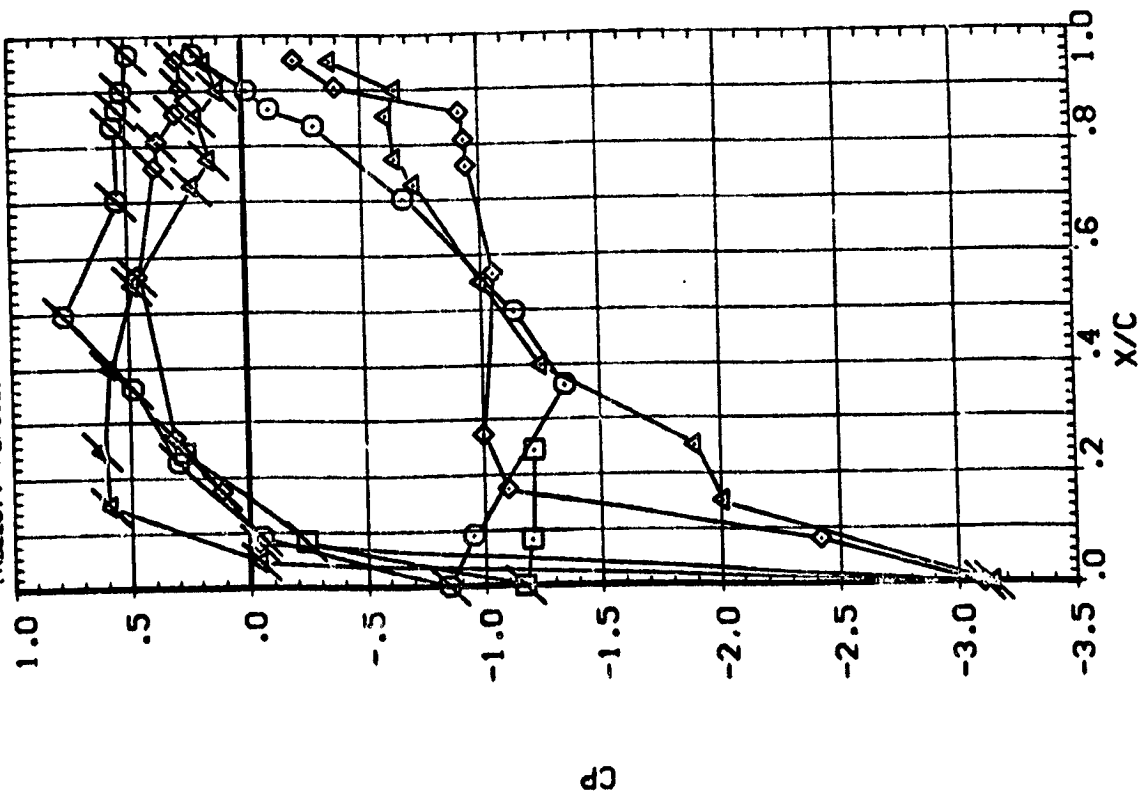
PARAMETRIC VALUES  
 .000 .000 .000  
 40.000 RUDDER -18.000  
 FLAP

ELEVTR  
 RUOFLR

ALPHA BETA  
 18.260 -5.000

SYMBOL Y/B  
 .299  
 .364  
 .427  
 .534

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL) OPEN B10C507NCF 187E18V5K5G1 UPPER WING  
 (ROLL) FLAGGED B10C507NCF 187E18V5K5G1 LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR  
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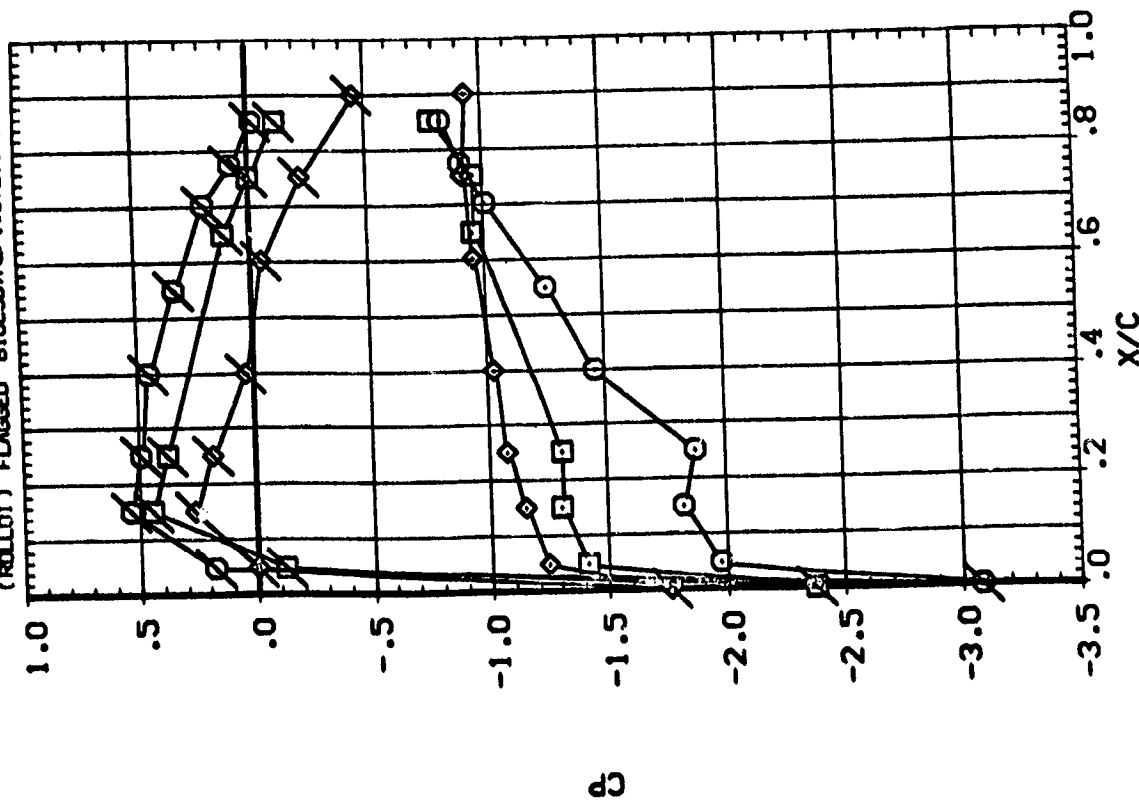
SYMBOL Y/B  
 □ .573  
 □ .780  
 ◇ .887

ALPHA 18.280  
 BETA -5.000

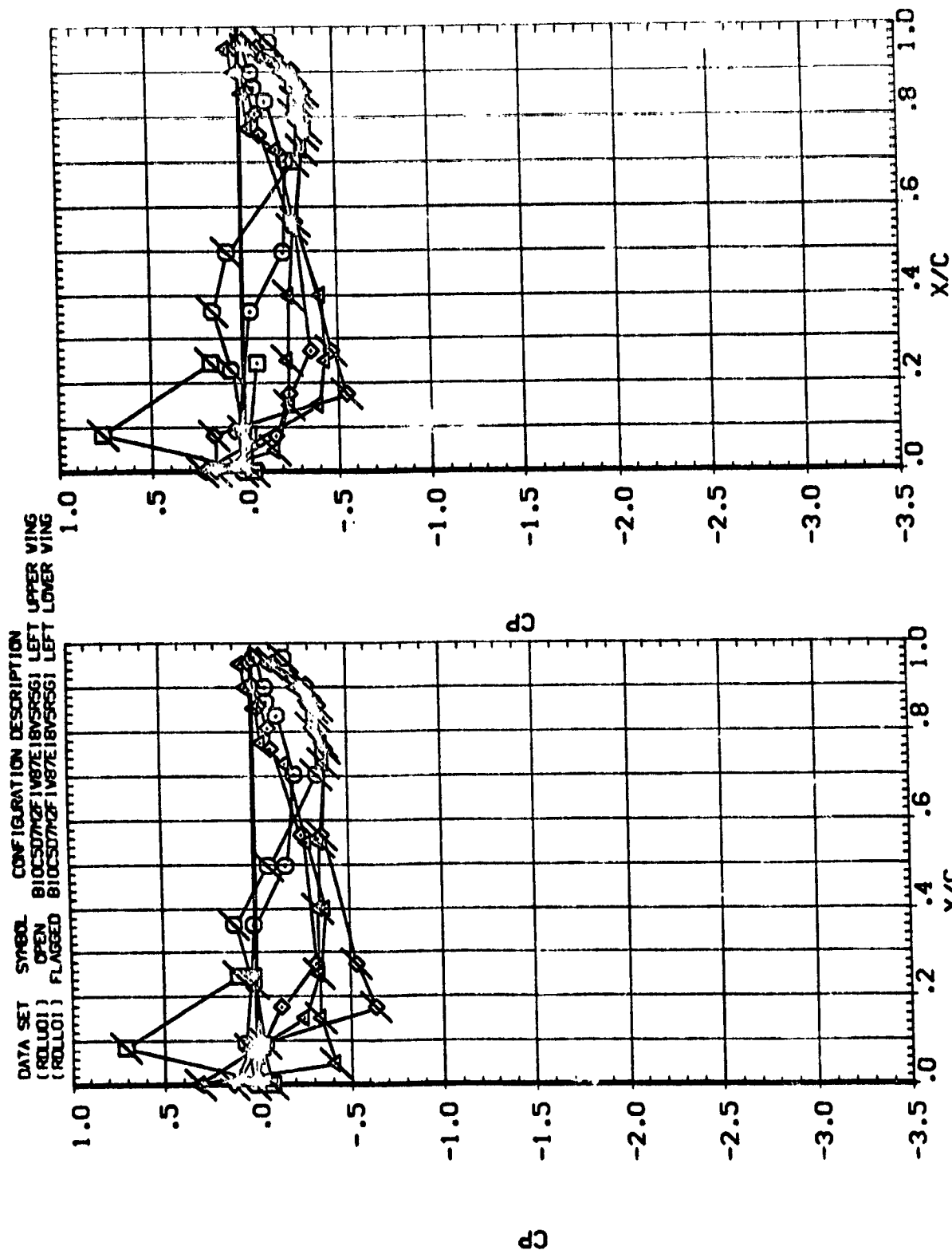
PARAMETRIC VALUES  
 .000 RUDEF .000  
 40.000 FLAP -18.000

ELEVTR  
 RUFLR

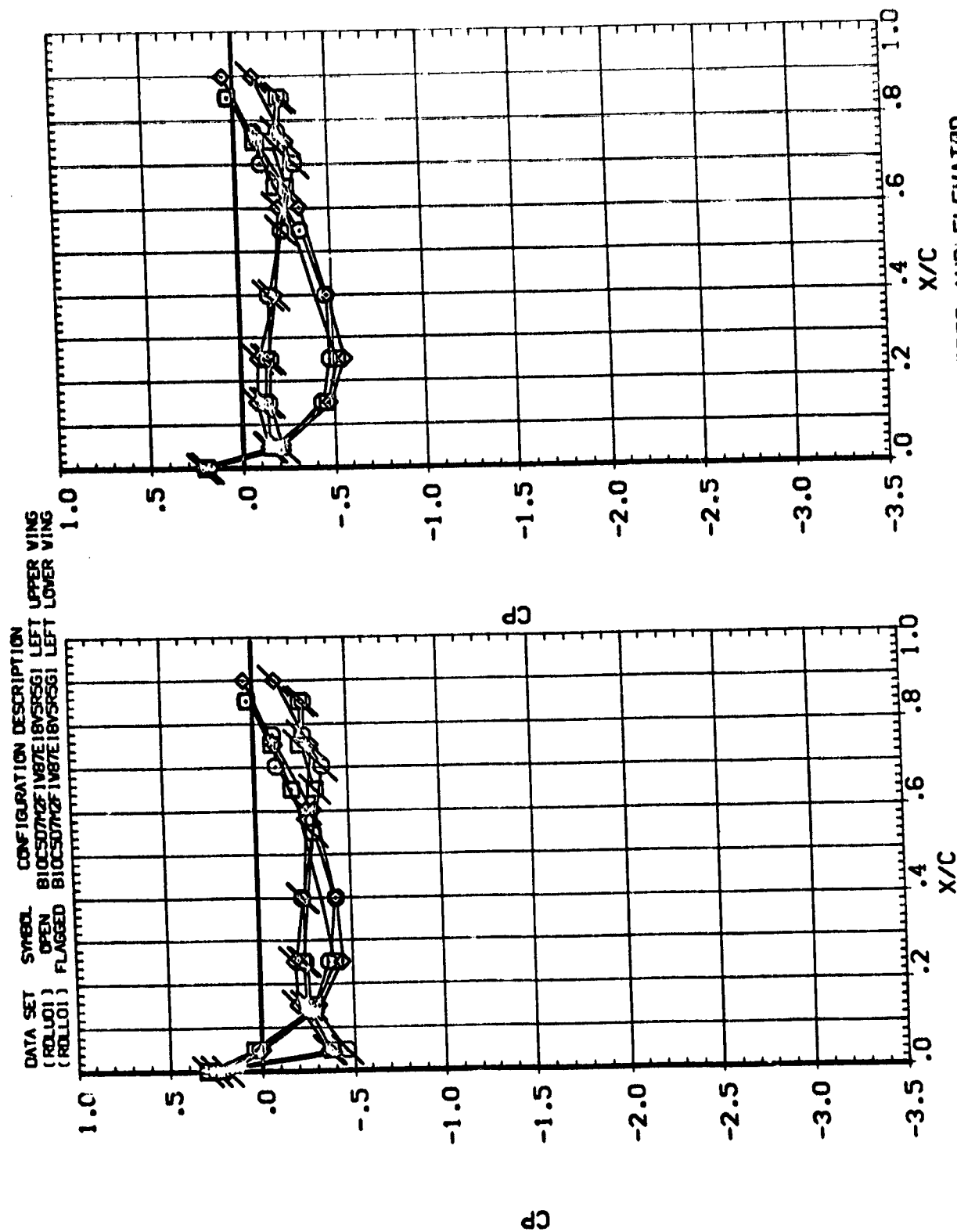
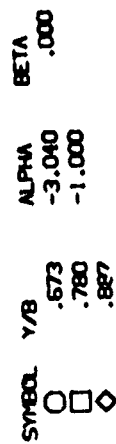
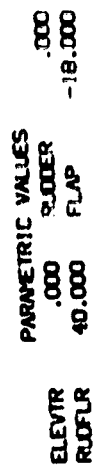
DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL) OPEN B10C5D7MZF1V87E18VSRS61 LEFT UPPER VING  
 (ROLL) FLAGGED B10C5D7MZF1V87E18VSRS61 LEFT LOWER VING



SYMBOL	Y/B	ALPHA	BETA	PARAMETRIC VALUES		
				ELEVTR	RUDER	FLAP
□	.299	-3.040	.000	.000	.300	
◇	.364	-1.000	.000	40.000	-19.000	
△	.427					
	.534					



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



**X/C**  
**CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR**  
**PAGE**

PARAMETRIC VALUES

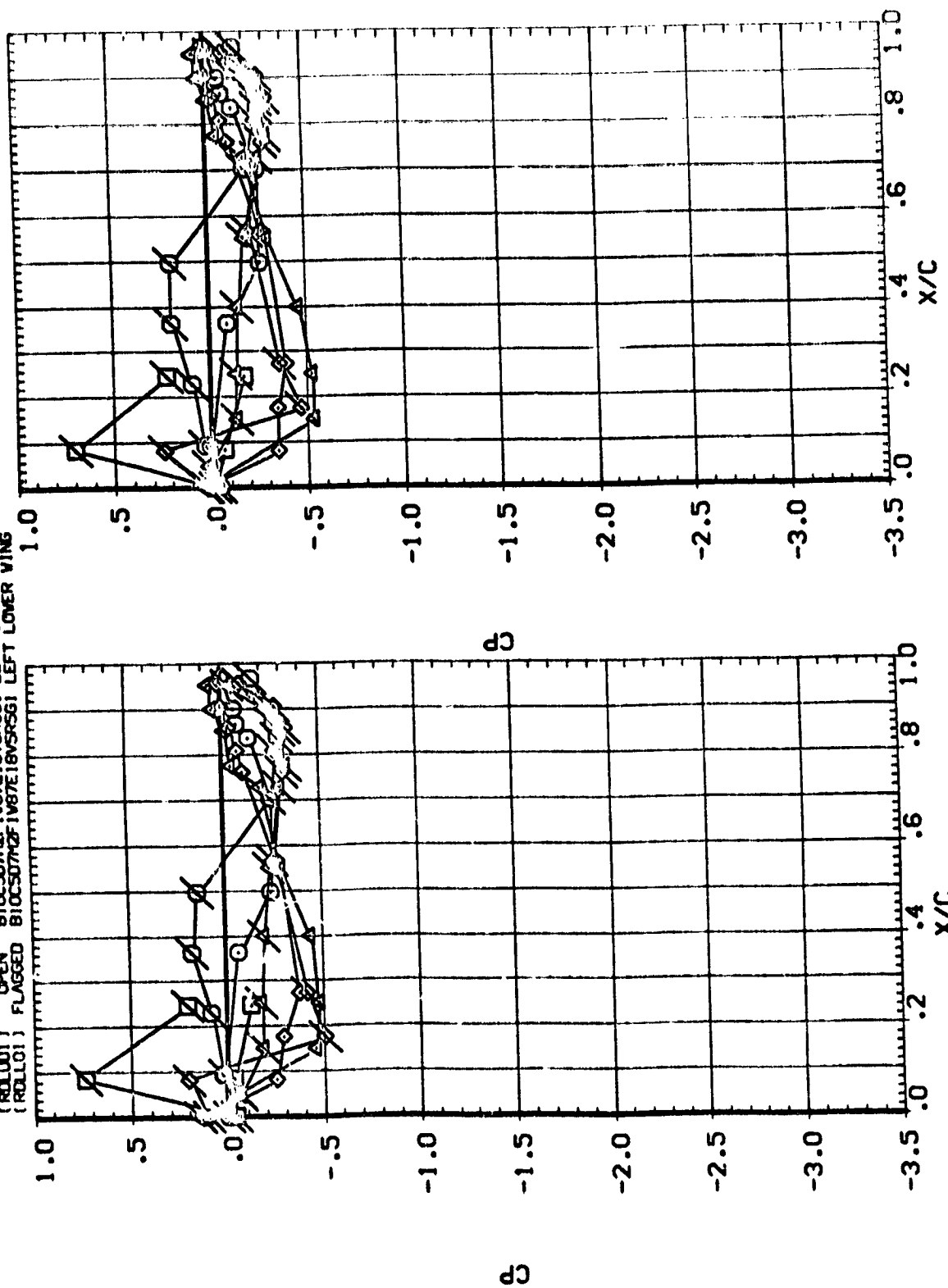
ELEVTR	.000	RUDER	.000
RUDFLR	40.000	FLAP	-18.000

SYMBOL    Y/B    ALPHA    BETA

○	.299	.010	.000
□	.364	.990	
◇	.427		
△	.534		

DATA SET    SYMBOL    CONFIGURATION DESCRIPTION

(ROLL01)	OPEN	B10C507M2F1V87E18VSR5G1 LEFT UPPER WING
(ROLL01)	FLAGGED	B10C507M2F1V87E18VSR5G1 LEFT LOWER WING



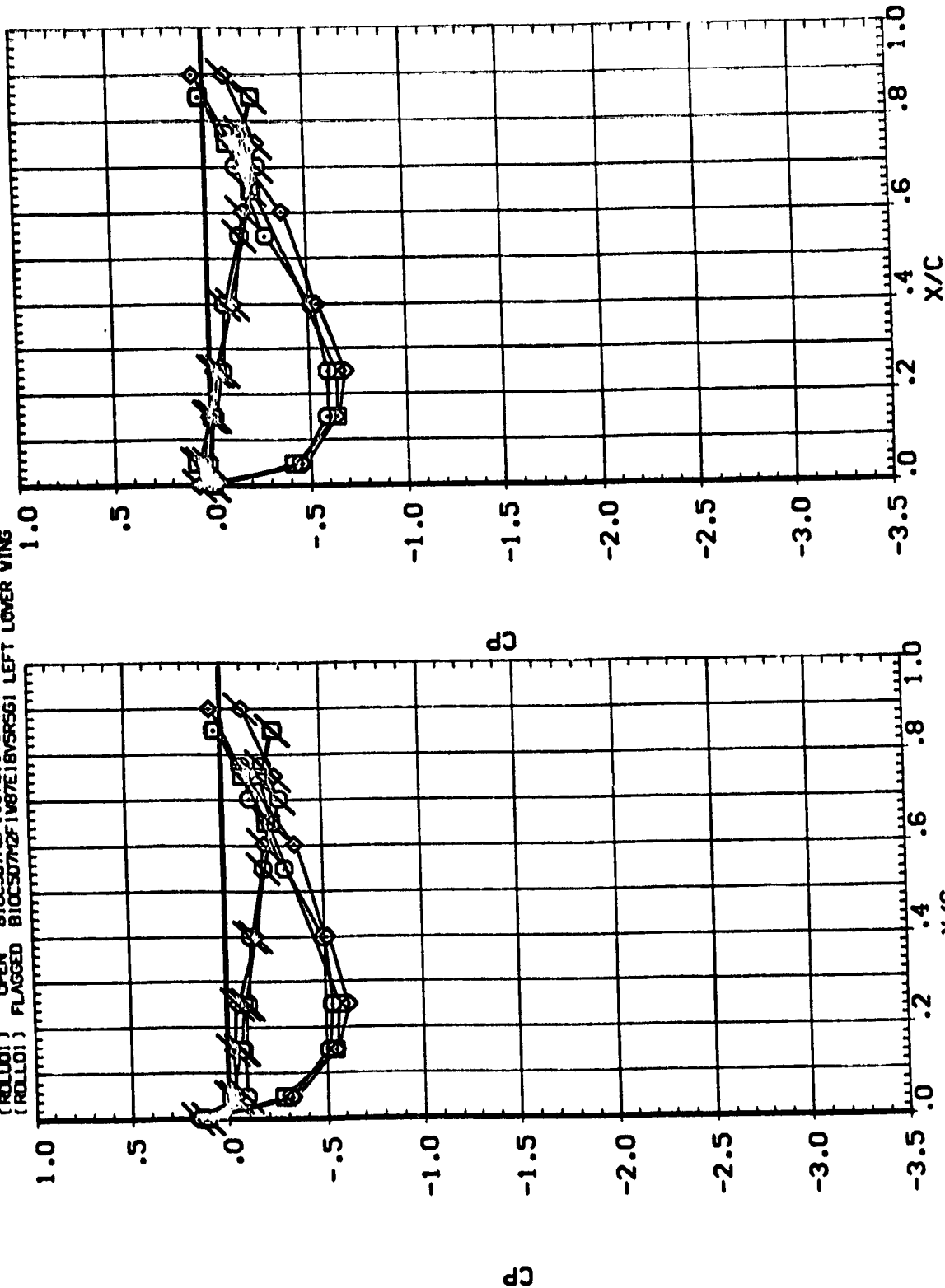
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



SYMBOL Y/B ALPHA BETA  
 ○ .573 .010 .000  
 □ .780 .990  
 ◇ .887

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFUR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLLUO) OPEN 810CSD7MZF1V87E18VSKSG1 LEFT UPPER WING  
 (ROLLUO) FLAGGED 810CSD7MZF1V87E18VSKSG1 LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

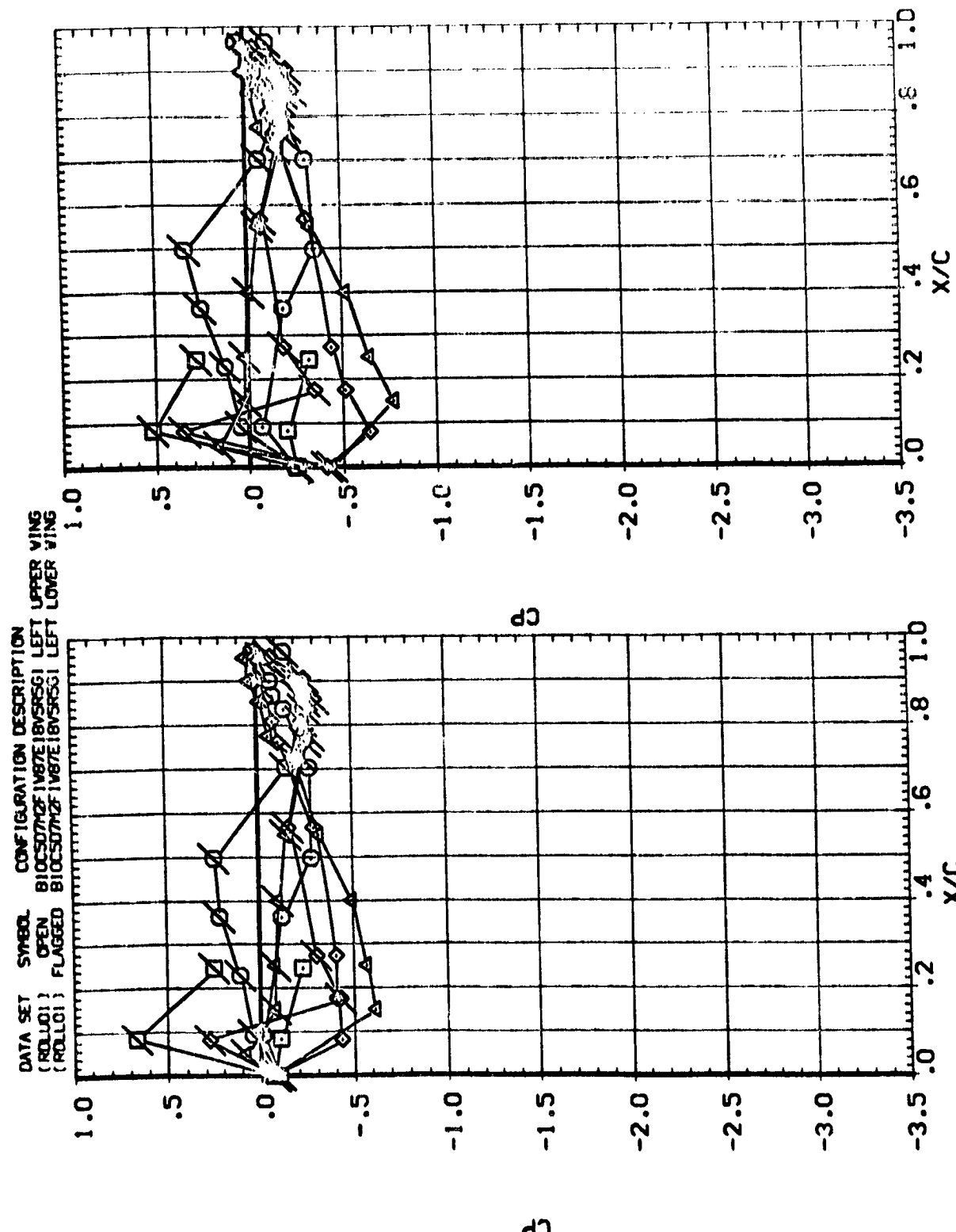


PARAMETRIC VALUES

ELEVTR	.000	GLIDER	.000
RUDFLR	40.000	FLAP	-18.000

SYMBOL    Y/B    ALPHA    BETA

○	.298	2.030	.000
□	.364	4.030	
◇	.427		
△	.534		

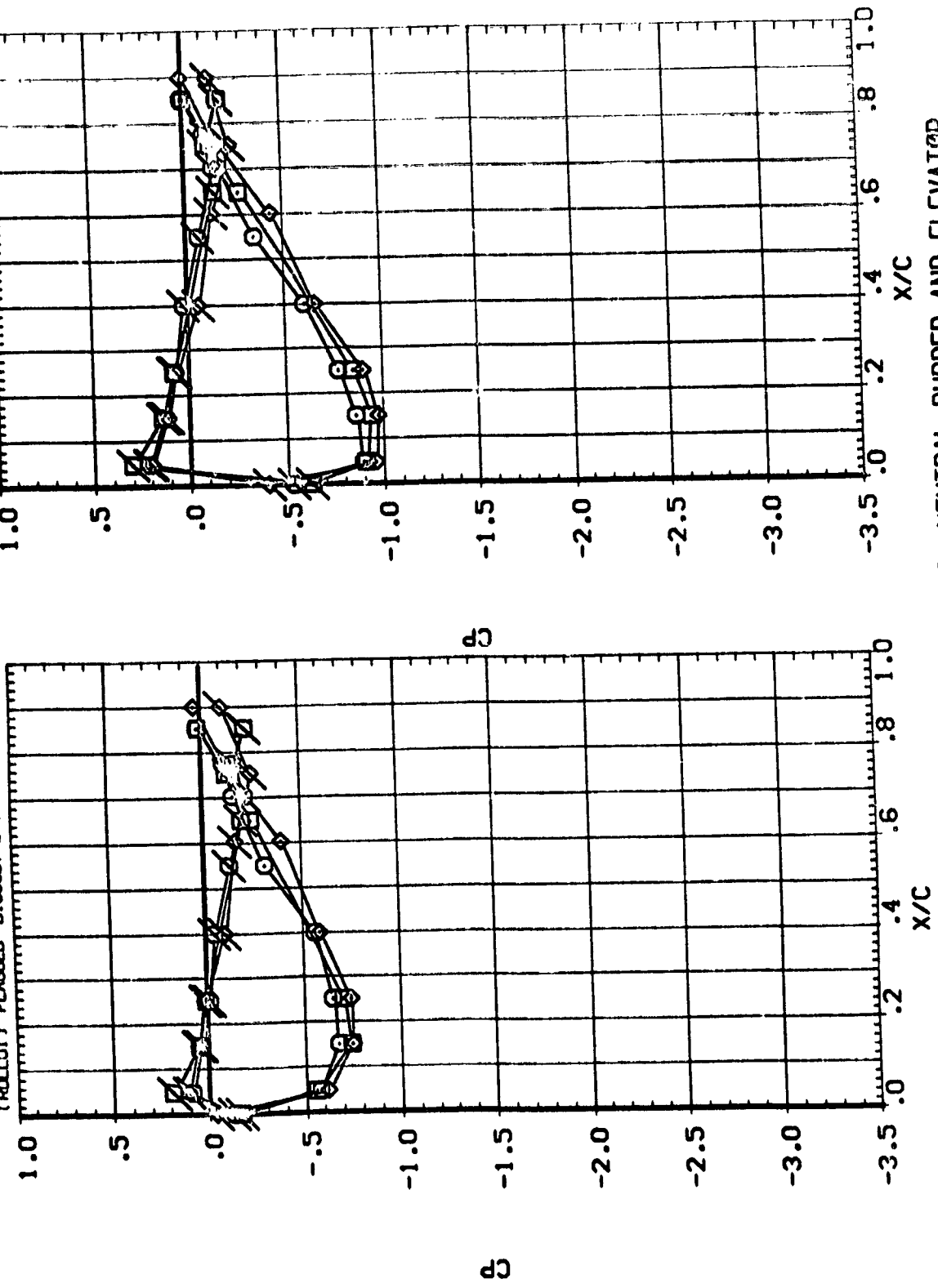




SYMBOL Y/B ALPHA BETA  
 .673 .000  
 .780 4.030  
 .887

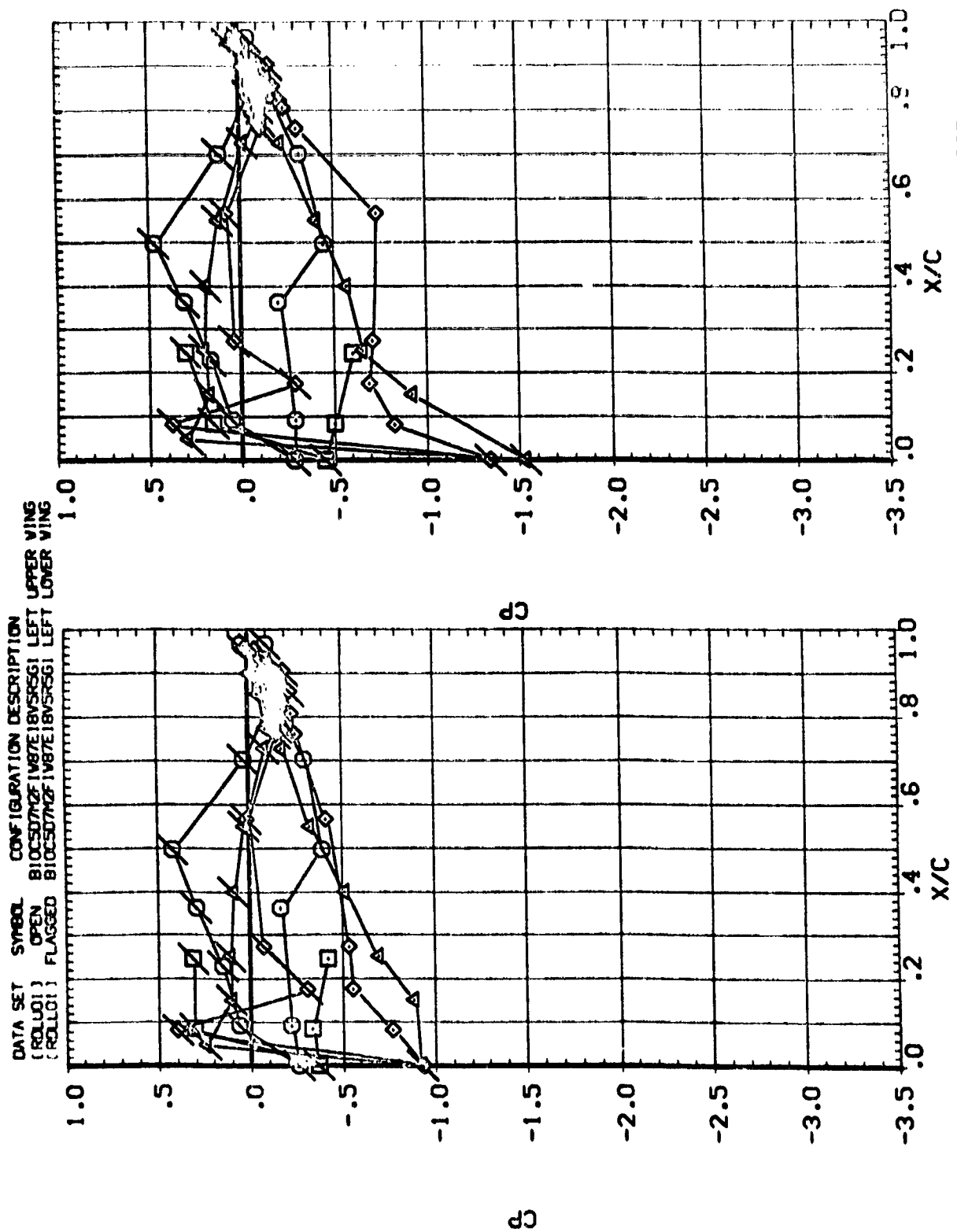
PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUDDFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLLU1) OPEN 810C507MZF1V87E1 2561 LEFT UPPER VING  
 (ROLLU1) FLAGGED 810C507MZF1V87E1 56561 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

SYMBOL	Y/B	ALPHA	BETA	ELEVTR	PARAMETRIC VALUES
○	.299	6.080	.000	RUDFLR	.000 RUDER .000
□	.364	8.110			40.000 FLAP -18.000
◇	.427				
△	.534				



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

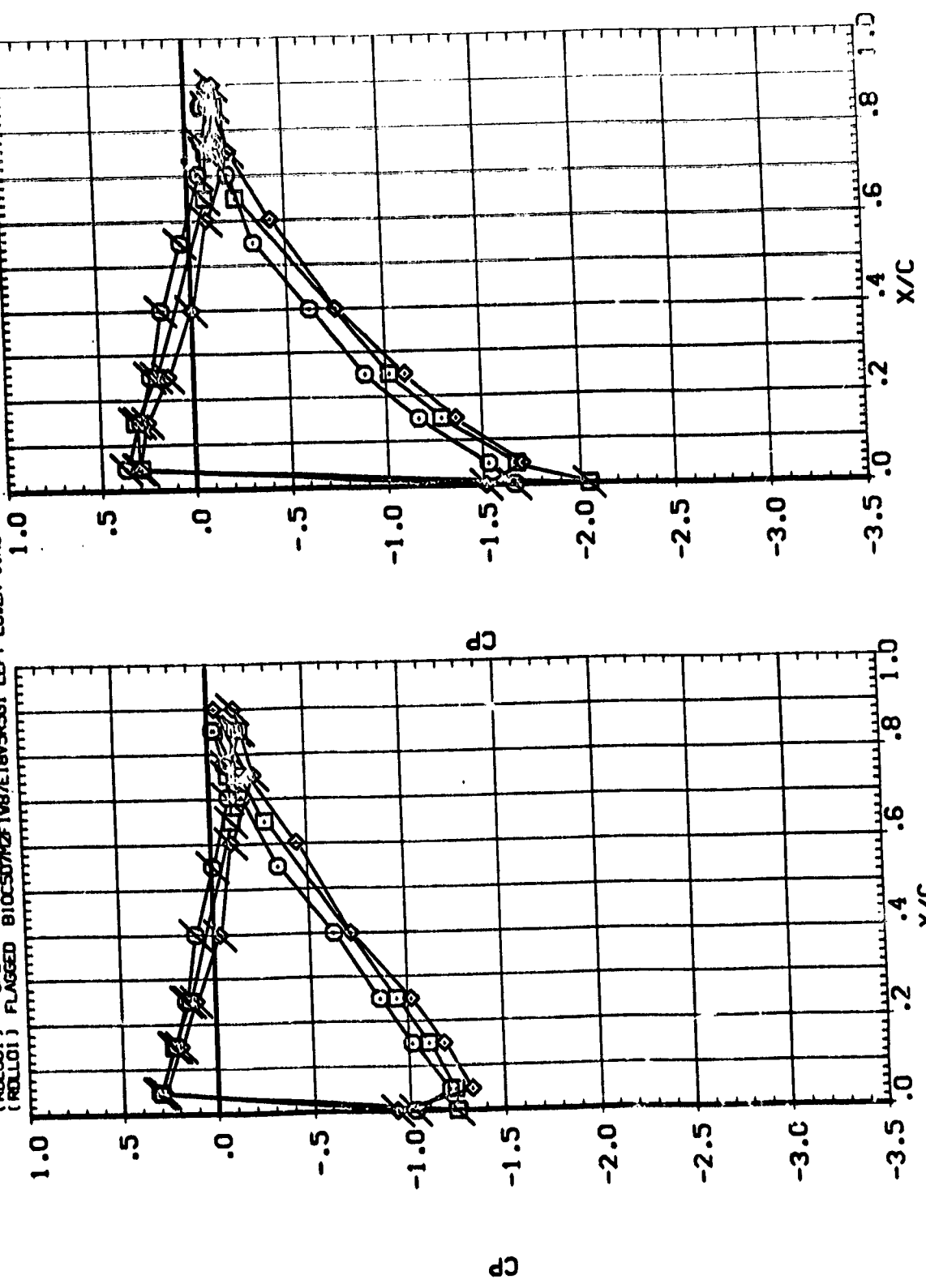


SYMBOL Y/B  
 □ .673  
 □ .780  
 ◇ .887

ALPHA BETA  
 6.080 .000  
 8.110

PARAMETRIC VALUES  
 ELEVTR .000  
 RUDDER .000  
 RUOFLR 40.000  
 FLAP -19.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL1) OPEN 810C5070F1V87E18V5R5G1 LEFT UPPER VING  
 (ROLL1) FLAGGED 810C5070F1V87E18V5R5G1 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES

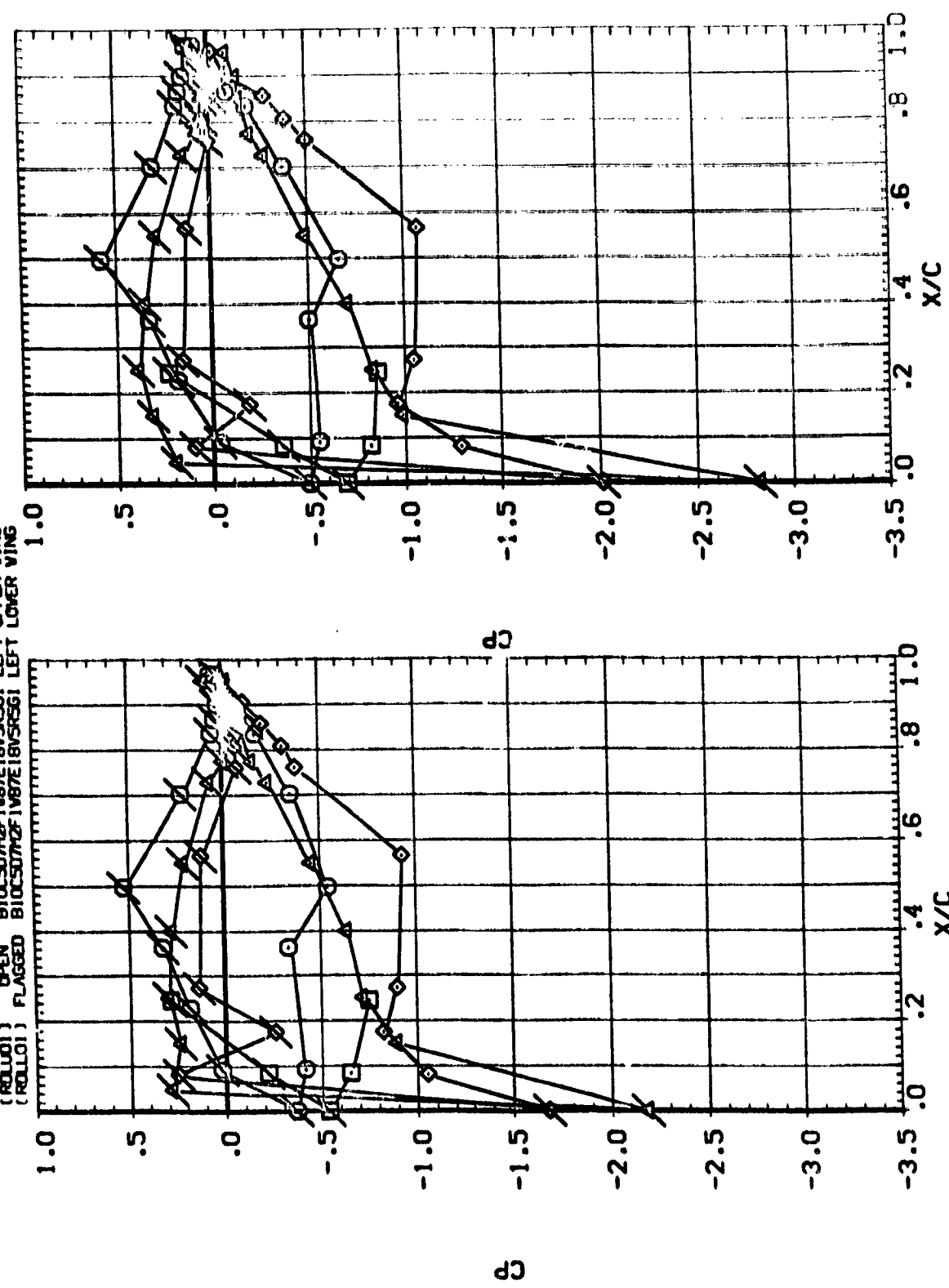
ELEVTR	.000	RUDDER	.000
RUOFLR	40.000	FLAP	-18.000

SYMBOL

Y/B	ALPHA	BETA
.299	10.120	.000
.364	12.200	
.427		
.534		

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ROLLU)	OPEN	B10C5D7MZF1V87E18VSXSG1	LEFT UPPER WING
(ROLLU)	FLAGGED	B10C5D7MZF1V87E18VSXSG1	LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

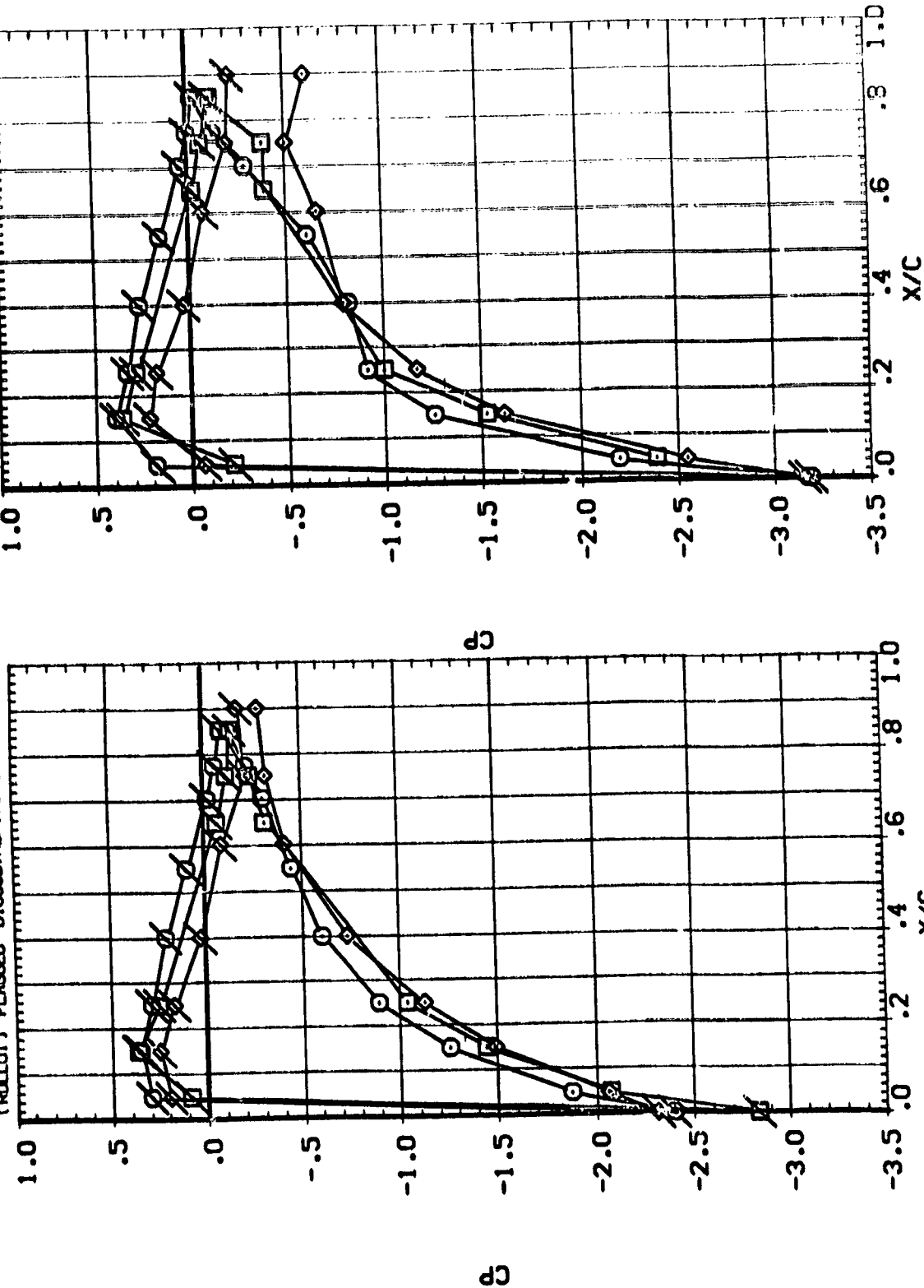


SYMBOL Y/B  
 ○ .673  
 □ .780  
 ◇ .887

ALPHA BETA  
 10.120 .000  
 12.200

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL) OPEN 810C507N2F1V87E18VS561 LEFT UPPER VING  
 (ROLL) FLAGGED 810C507N2F1V87E18VS561 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

SYMBOL  
 ○ □ ◇ △

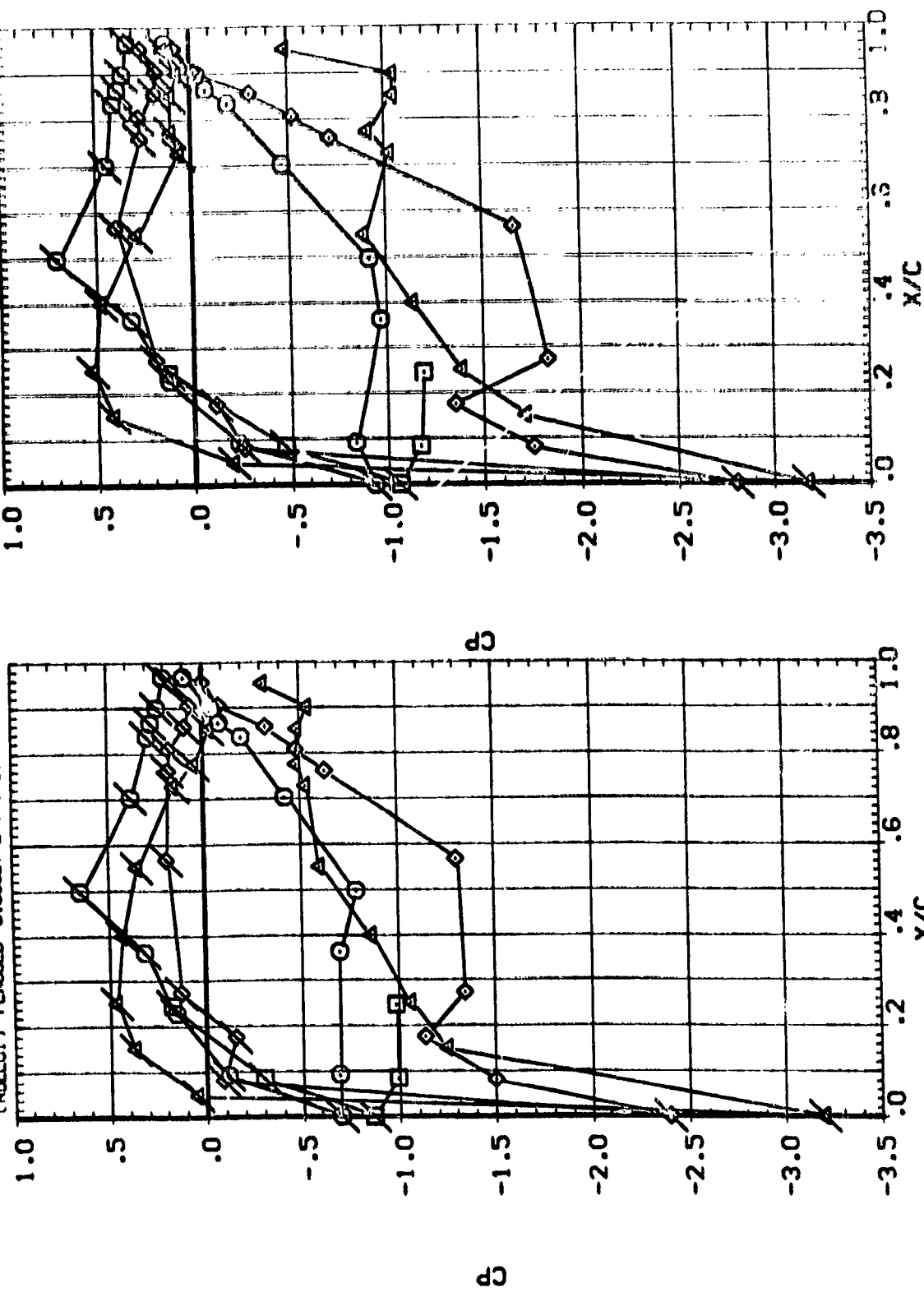
Y/B  
 .259  
 .364  
 .427  
 .534

ALPHA  
 14.240  
 16.230

BETA  
 .000

PARAMETRIC VALUES  
 ELF/TR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL1) OPEN B10C507MCF1V87E18VSRSG1 LEFT UPPER VING  
 (ROLL1) FLAGGED B10C507MCF1V87E18VSRSG1 LEFT LOWER VING



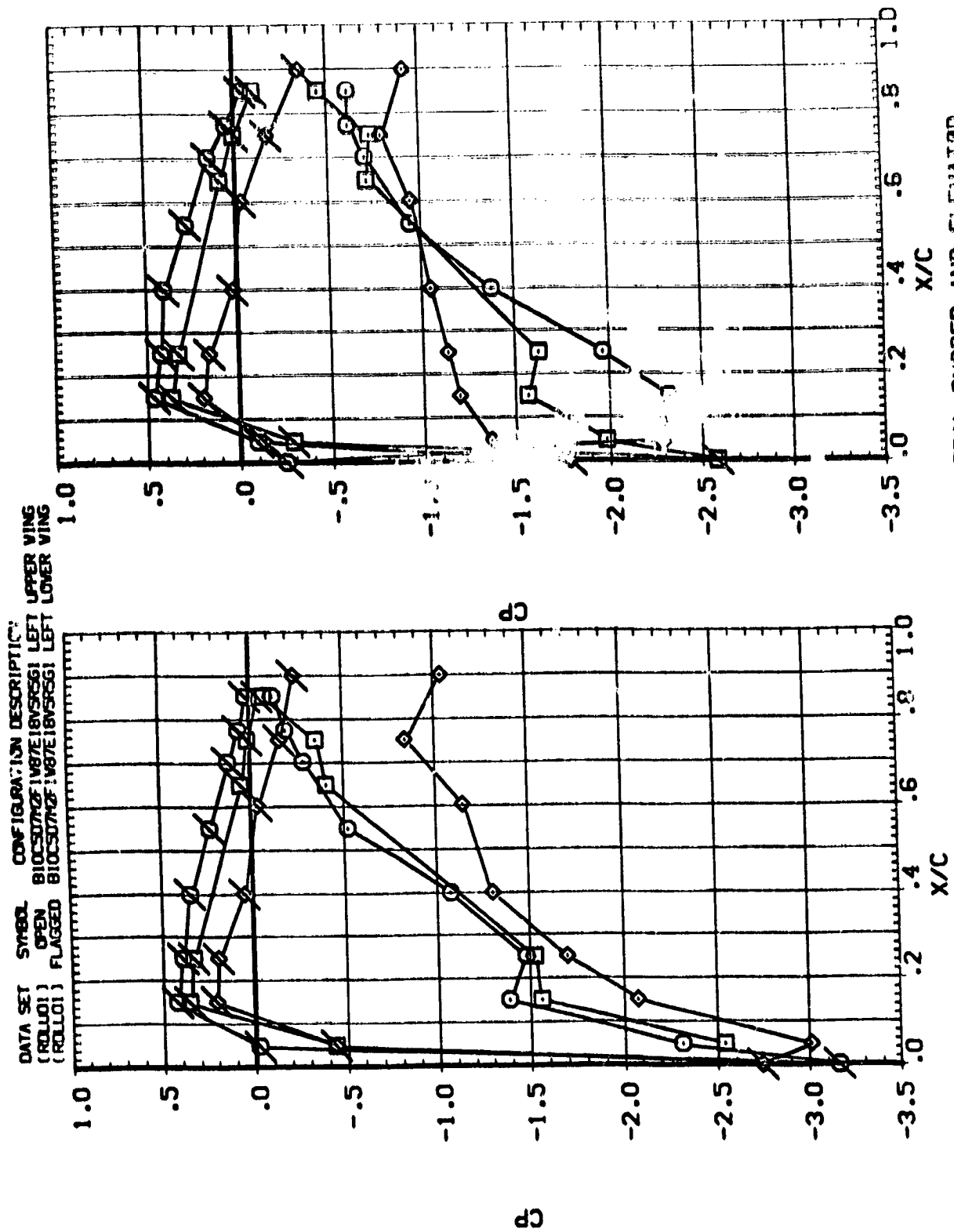
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



SYMBOL Y/B  
 ○ .573  
 □ .780  
 ◇ .987

ALPHA BETA  
 14.240 .000  
 16.230

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



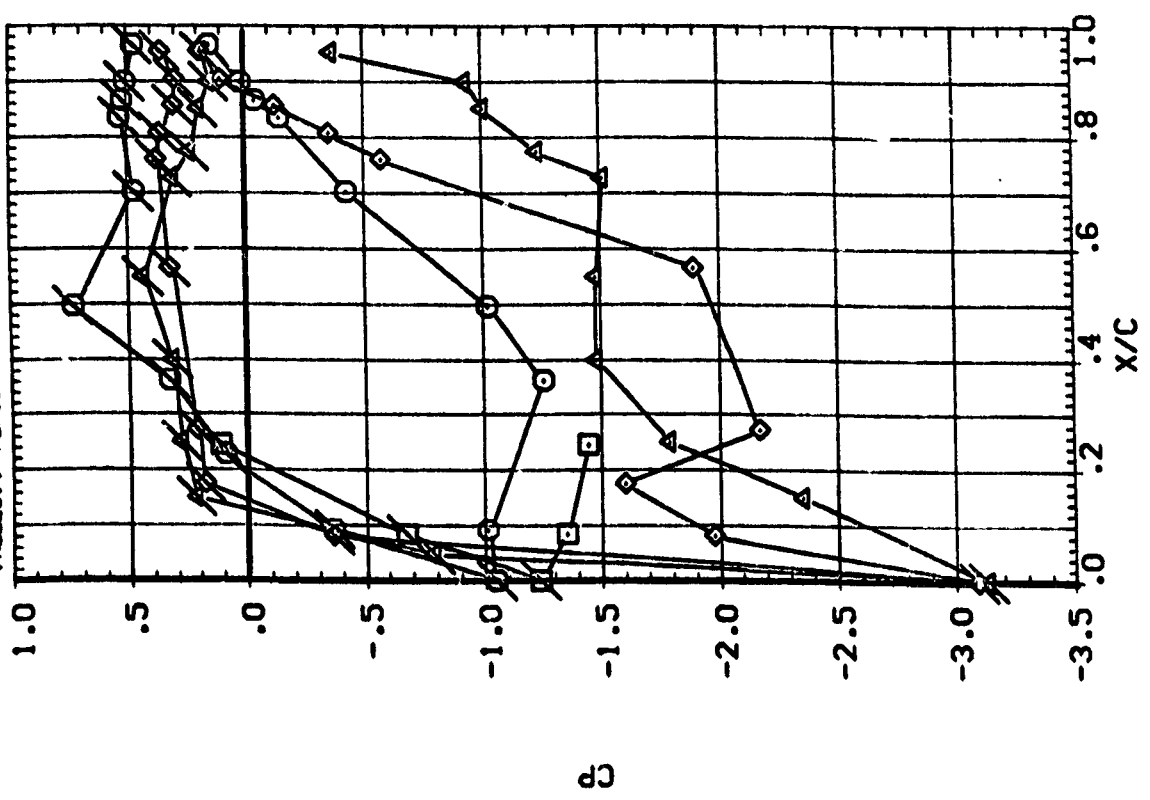


PARAMETRIC VALUES  
 .000 RUDDER .000  
 40.000 FLAP -18.000

ELEVTR  
 RUOFLR

SYMBOL Y/B ALPHA BETA  
 .299 18.300 .000  
 .364  
 .427  
 .534

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL) OPEN B10C507M2F 1V67E18VSR5G1 LEFT UPPER WING  
 (ROLL) FLAGGED B10C507M2F 1V67E18VSR5G1 LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES

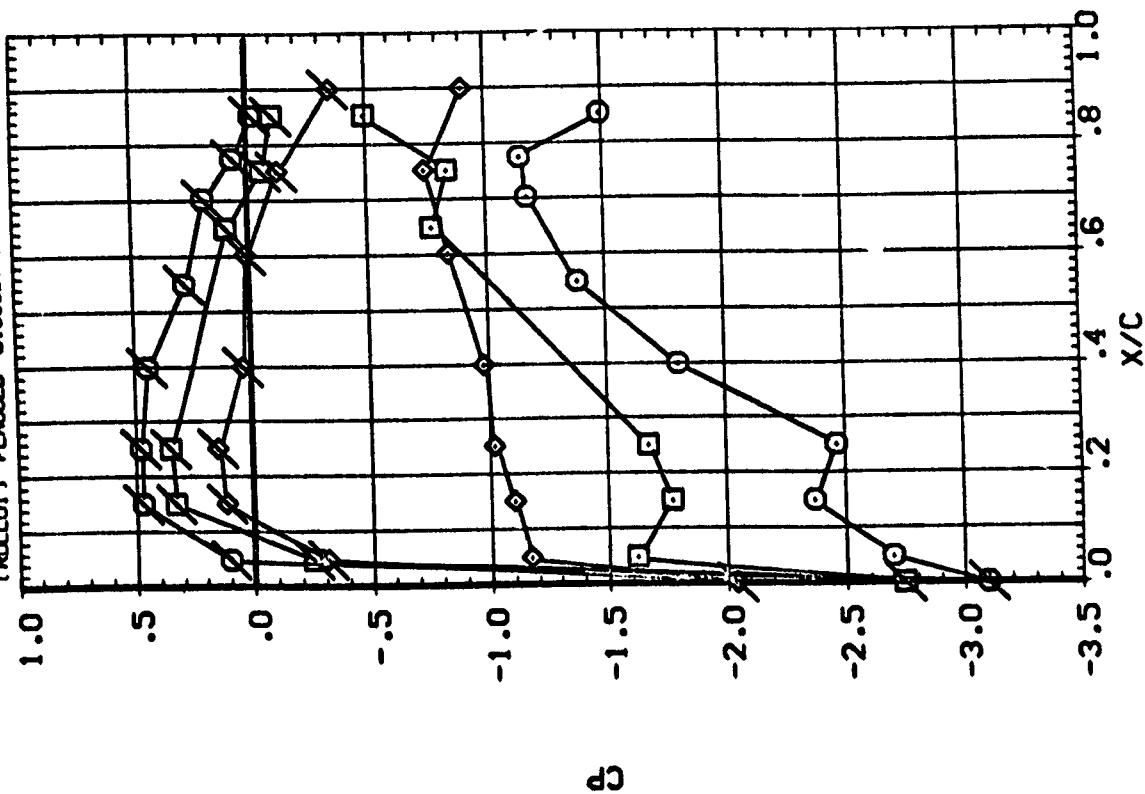
ELEVTR	.000	RUDDER	.000
RUOFLR	40.000	FLAP	-18.000

SYMBOL     $\gamma/\delta$     ALPHA    BETA

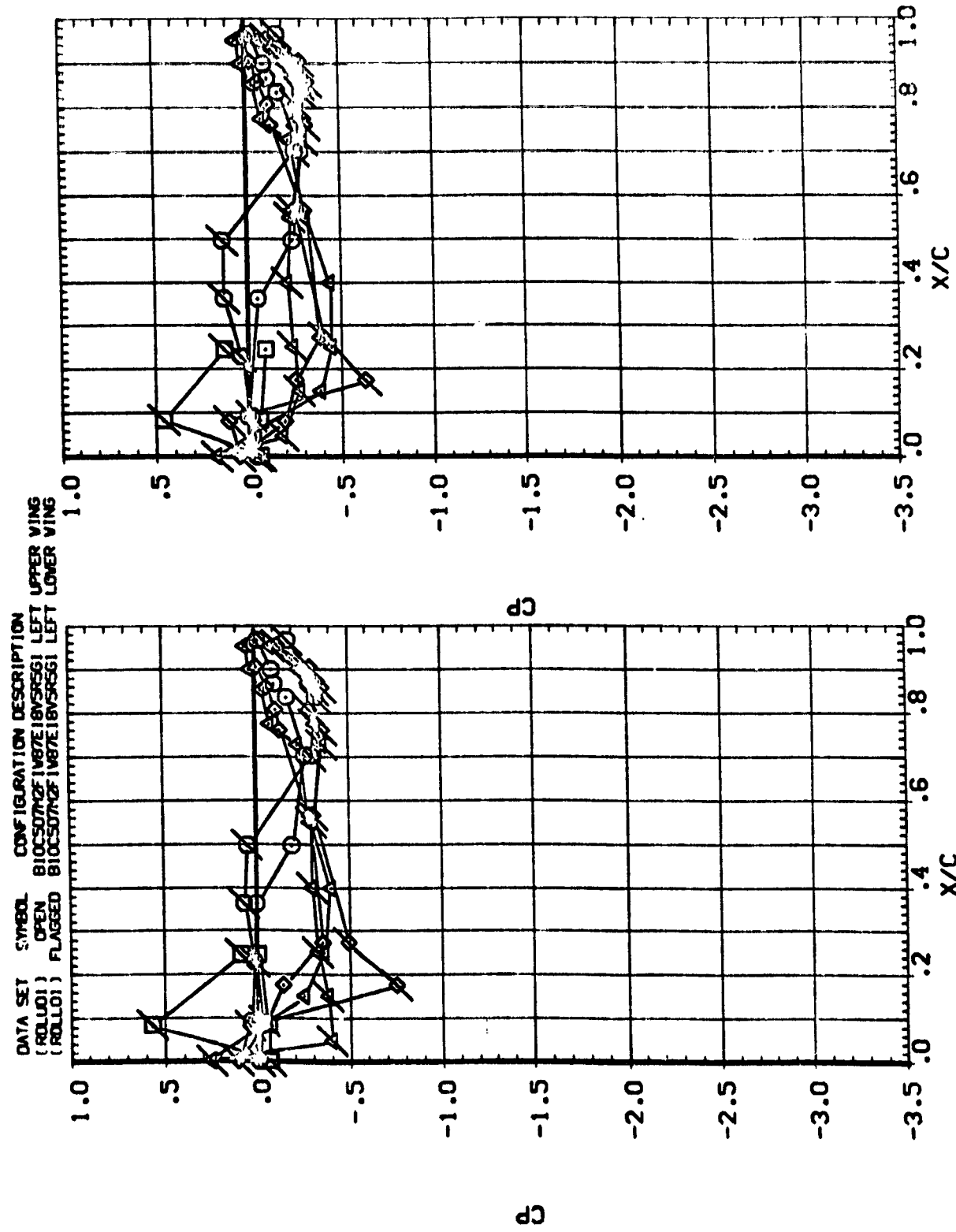
$\square$	.673	18.300	.000
$\diamond$	.780		
$\circ$	.887		

DATA SET    SYMBOL    CONFIGURATION DESCRIPTION

(R0L01)	OPEN	B10C507M2F1V67E18VSR5G1 LEFT UPPER VING
(R0L01)	FLAGGED	B10C507M2F1V67E18VSR5G1 LEFT LOWER VING



SYMBOL	V/B	ALPHA	BETA	ELEVTR	RUOFLR	PARAMETRIC VALUES
○	.298	-3.000	5.030	.000	.000	.000
□	.364	-.960		40.000	RUDDER	-19.000
◇	.427				FLAP	
△	.534					



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



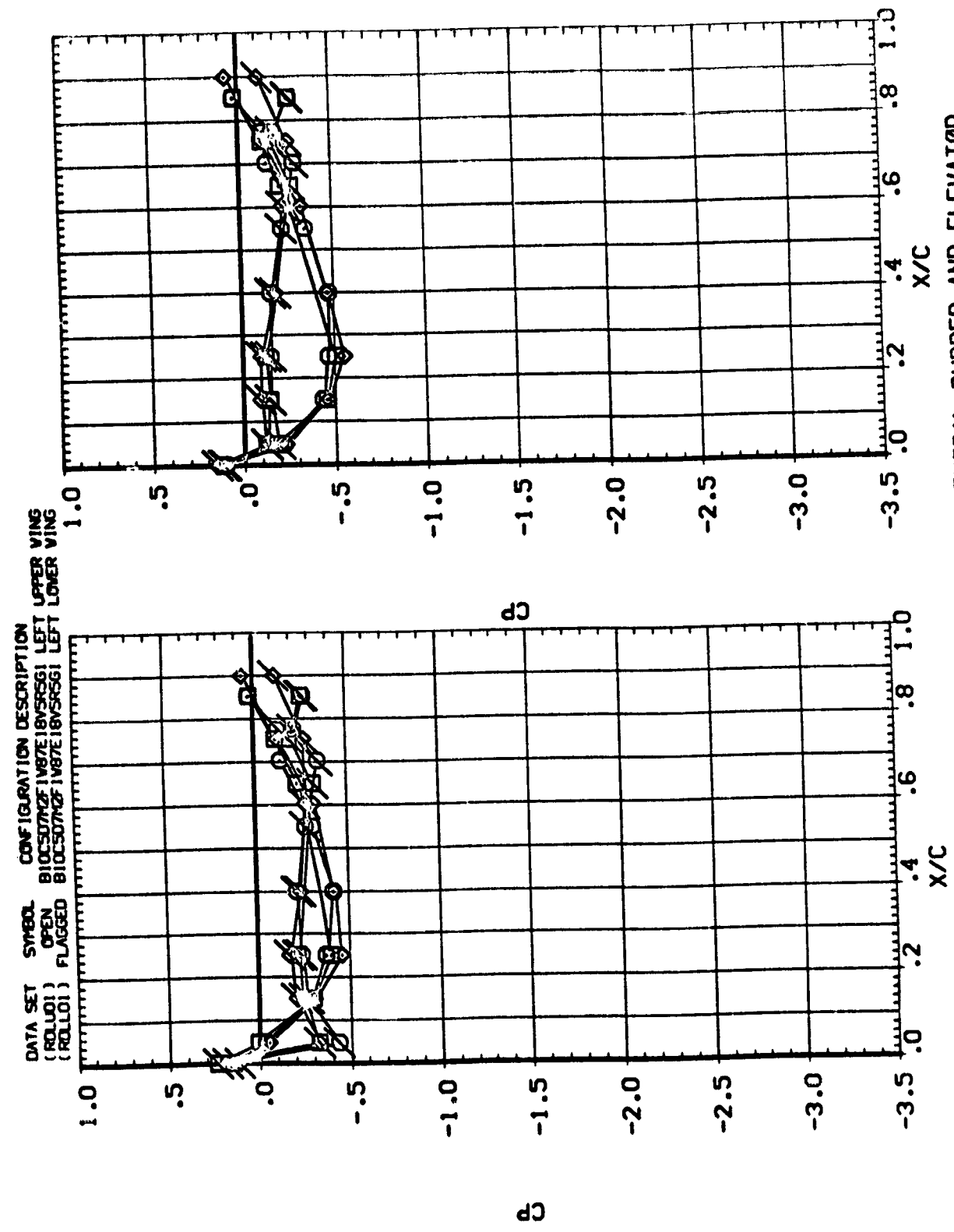
SYMBOL  
 ○ □ ◇

Y/B  
 .673  
 .780  
 .887

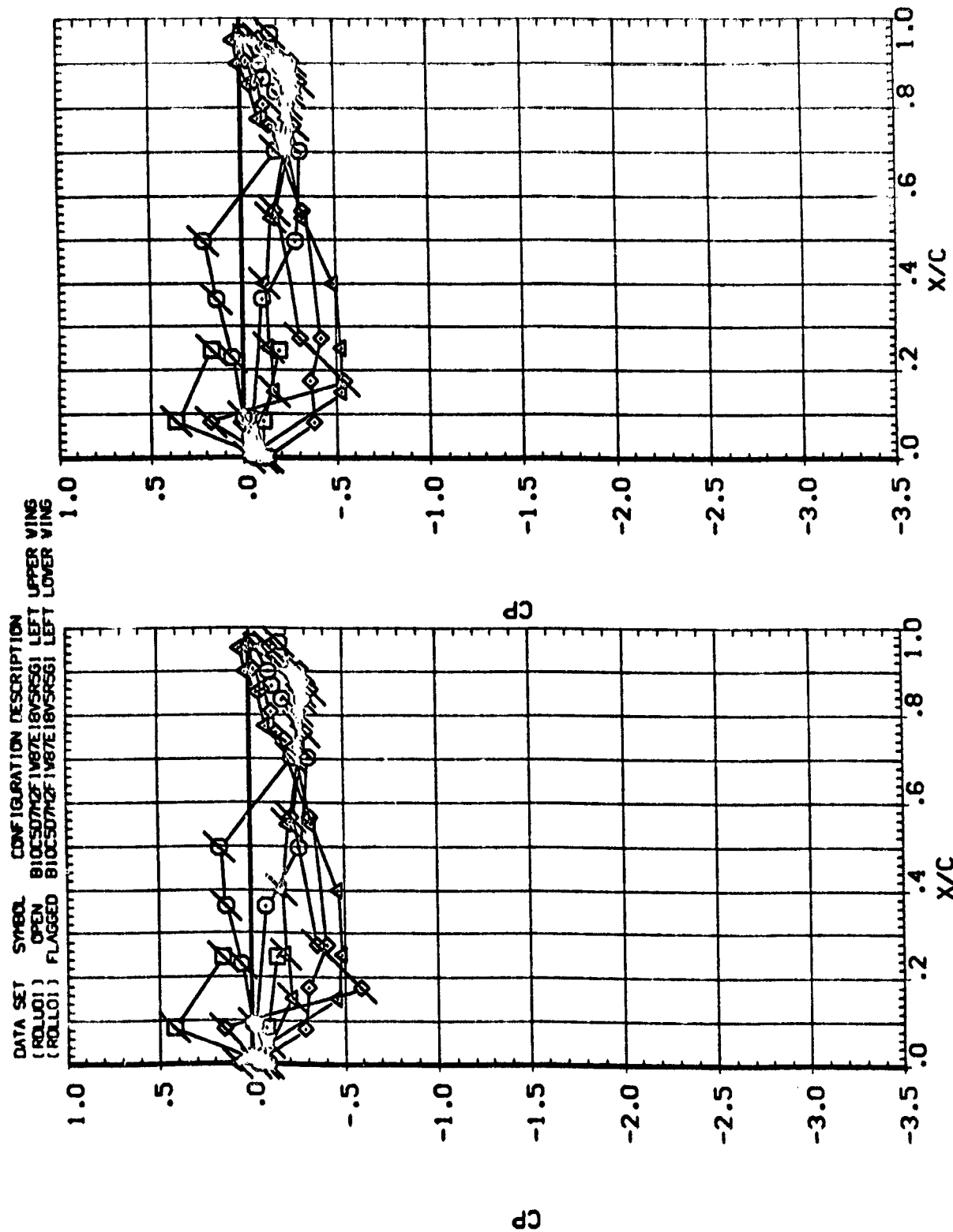
ALPHA  
 -3.000  
 -.960

BETA  
 5.030

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



SYMBOL	Y/B	ALPHA	BETA	PARAMETRIC VALUES		
				ELEVTR	.000	.000
○	.298	.010	5.030	RUDDER	.000	
□	.364	1.010		FLAP	-18.000	
◇	.427					
△	.534					



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

SYMBOL    Y/B    ALPHA    BETA

□    .673    .010    5.030

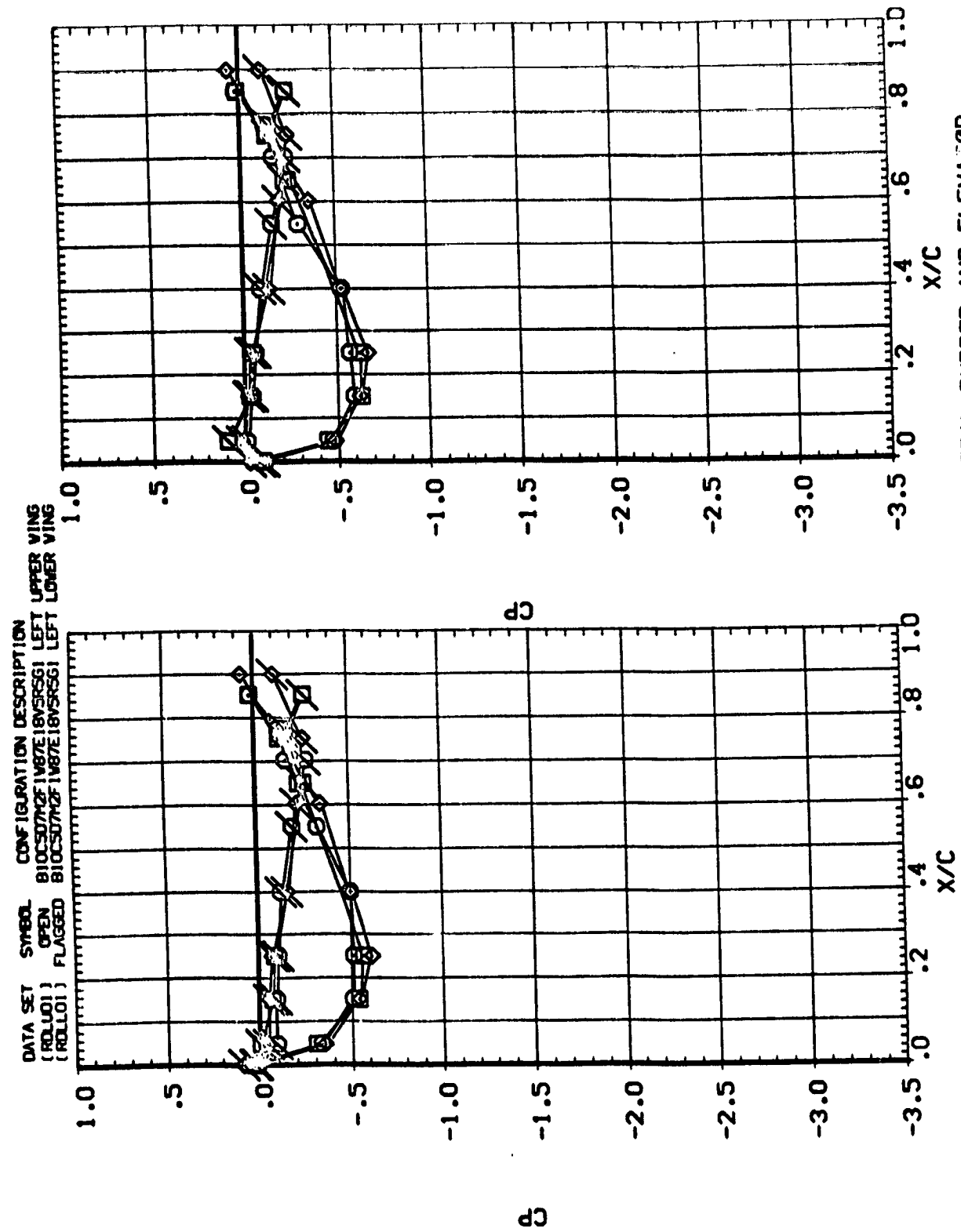
◇    .780    1.010

◇    .887

PARAMETRIC VALUES

ELEVTR    .000    RUDDER    .000

RUOFLR    40.000    FLAP    -18.000

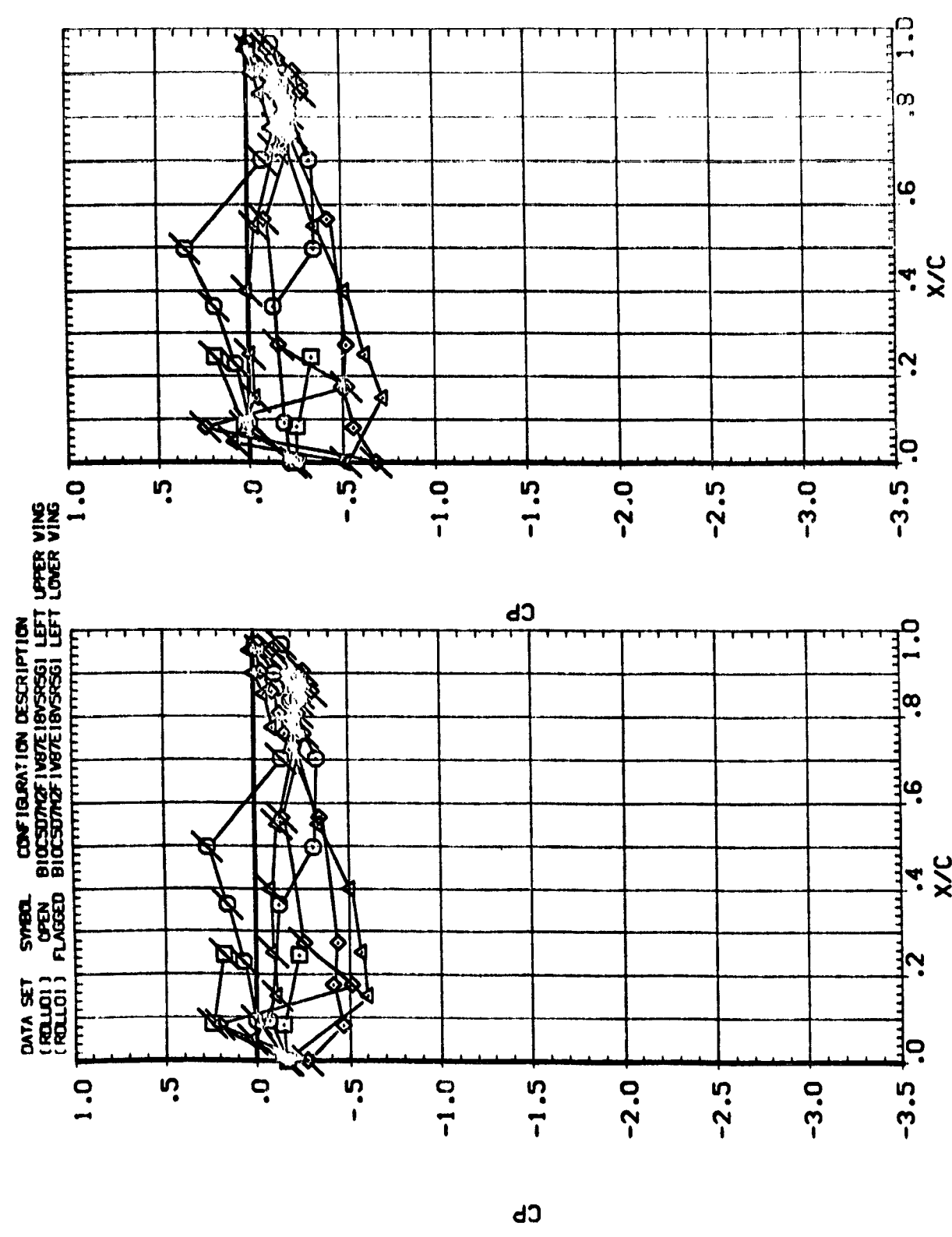


PARAMETRIC VALUES

ELEVTR	.000	RUDDER	.000
RUDFLR	40.000	FLAP	-18.000

SYMBOL Y/B ALPHA BETA

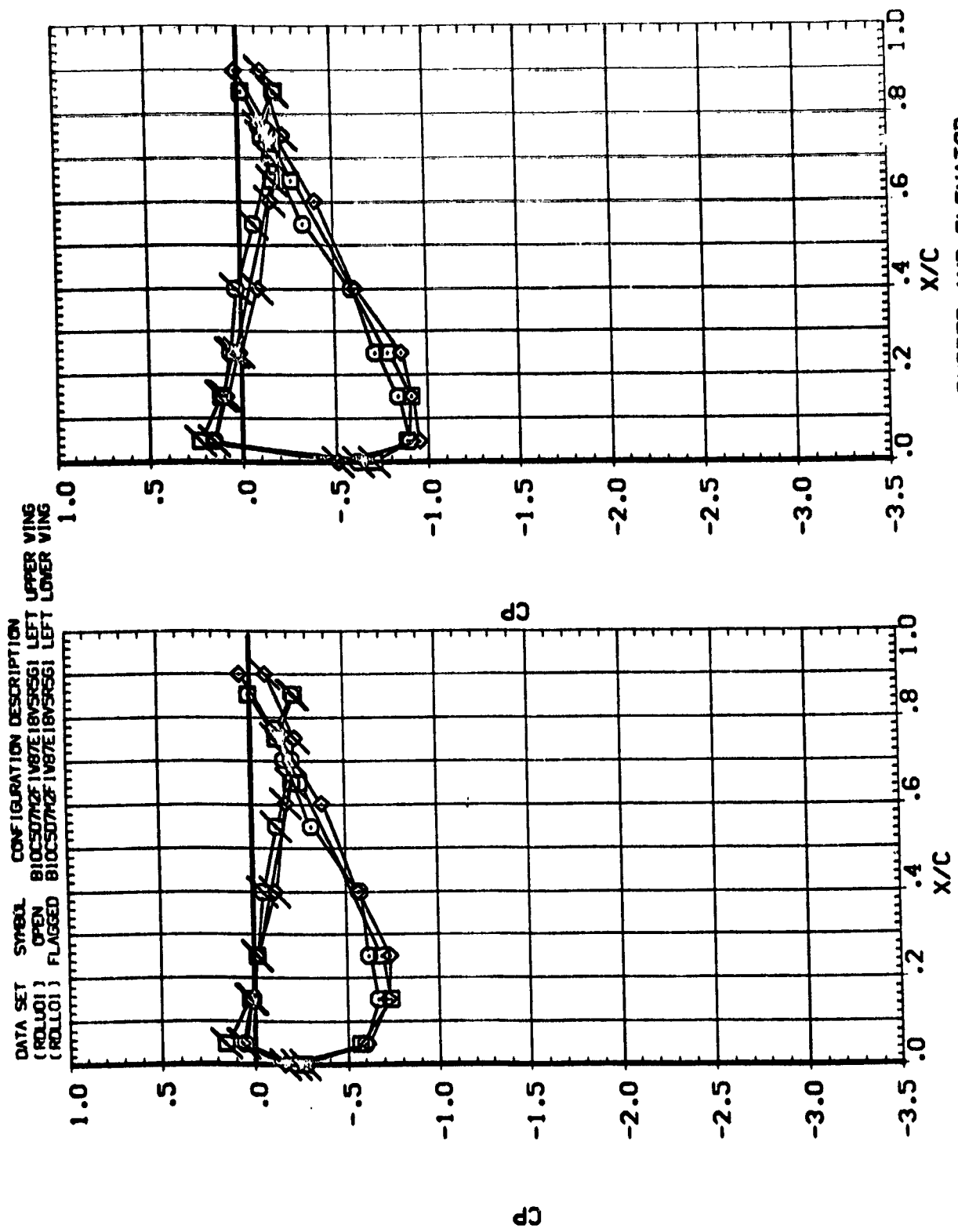
○	.299	2.000	5.030
□	.364	4.050	
◇	.427		
△	.534		



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



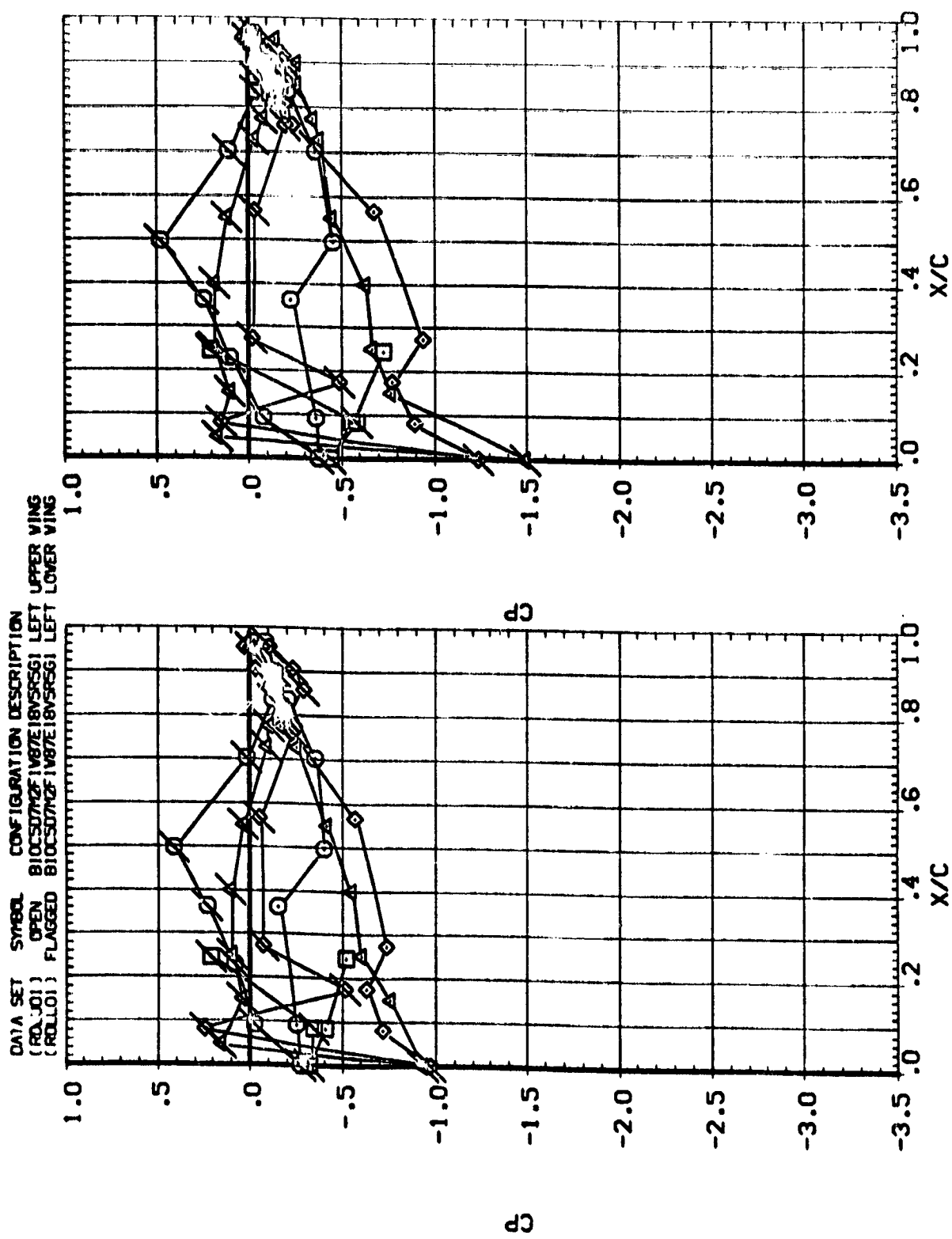
SYMBOL	Y/B	ALPHA	BETA	ELEVTR	PARAMETRIC VALUES
○	.673	2.000	5.030	RUDFLR	.000 RUDDER .000
□	.780	4.050			40.000 FLAP -18.000
◇	.887				



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



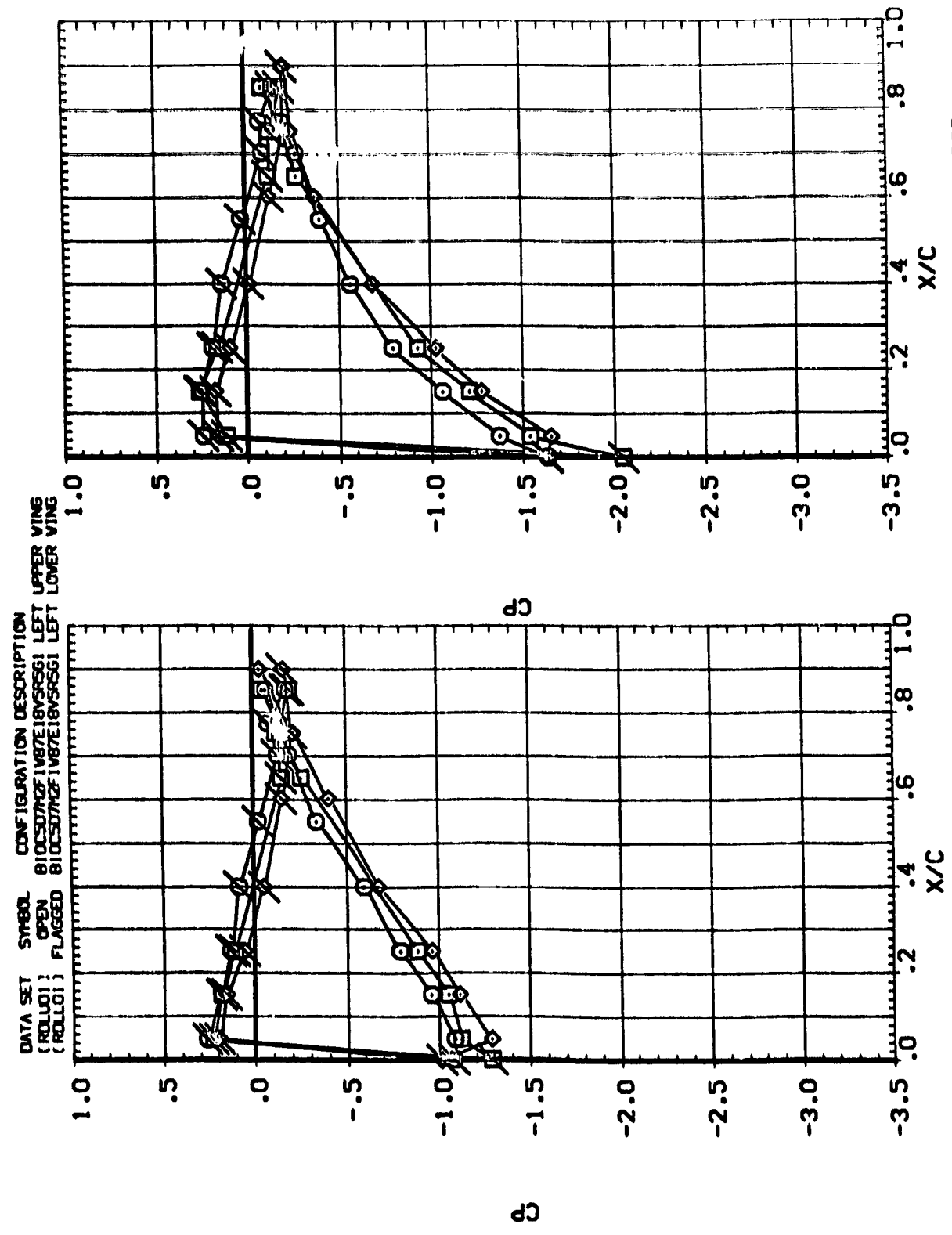
SYMBOL	Y/B	ALPHA	BETA	PARAMETRIC VALUES		
				ELEVTR	RUDDER	FLAP
○	.299	6.080	5.030	.000	.000	.000
□	.364	8.130		40.000		
◇	.427					
△	.534					



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

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SYMBOL	Y/B	ALPHA	BETA	PARAMETRIC VALUES	
○	.673	6.080	5.030	ELEVTR	.000
□	.780	8.130	40.000	RUDFLR	.000
◇	.887			FLAP	-18.000



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES

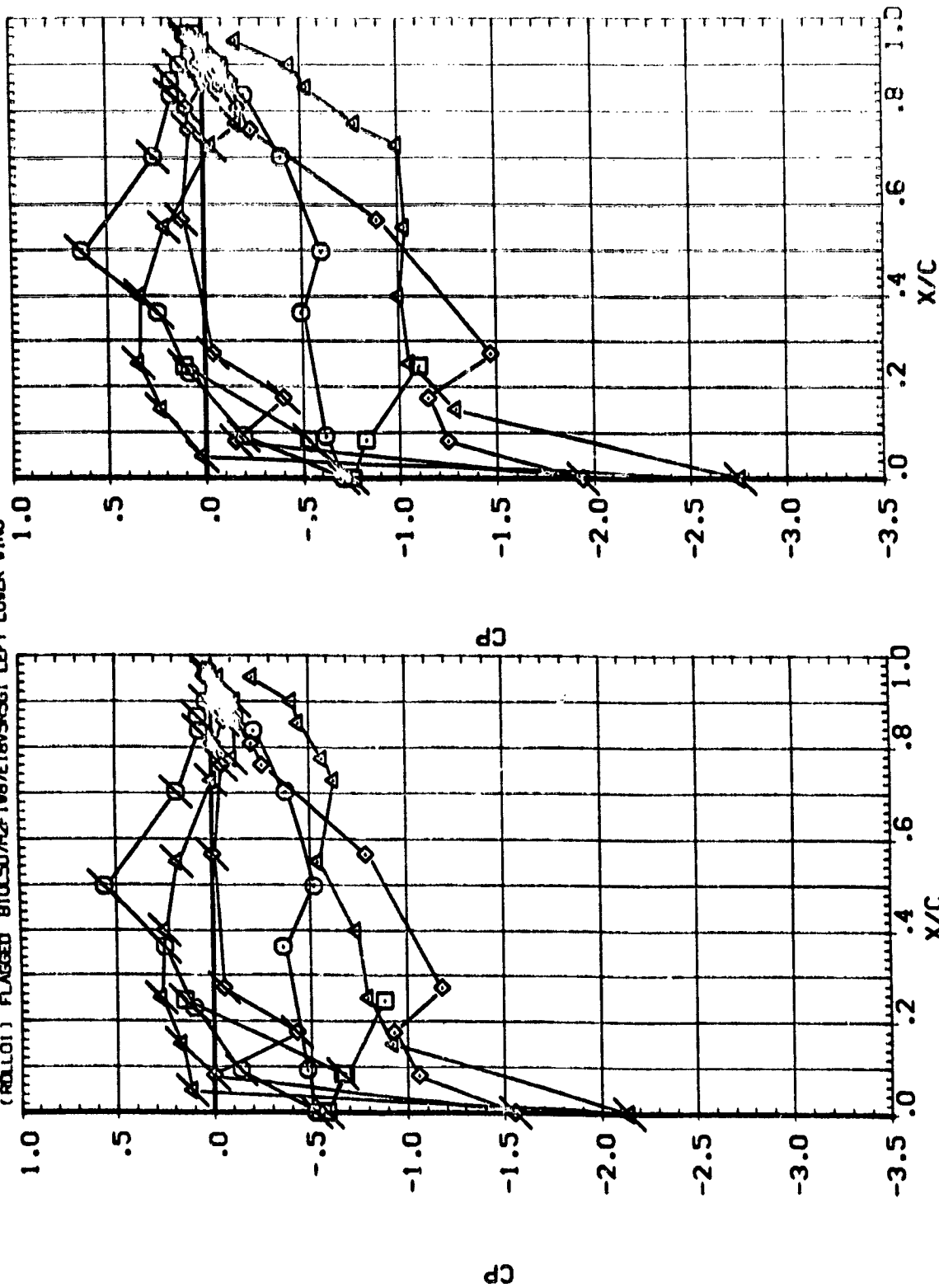
ELEVTR	.000	RUDDER	.000
RUOFLR	40.000	FLAP	-15.000

SYMBOL    Y/B    ALPHA    BETA

○	.299	10.170	5.030
□	.364	12.220	
◇	.427		
△	.534		

DATA SET    SYMBOL    CONFIGURATION DESCRIPTION

(ROLL1)	OPEN	810C507N2F1V87E18VSRS61 LEFT UPPER VING
(ROLL1)	FLAGGED	810C507N2F1V87E18VSRS61 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

SYMBOL Y/B .673 .780 .887

ALPHA 10.170 12.220

BETA 5.030

PARAMETRIC VALUES

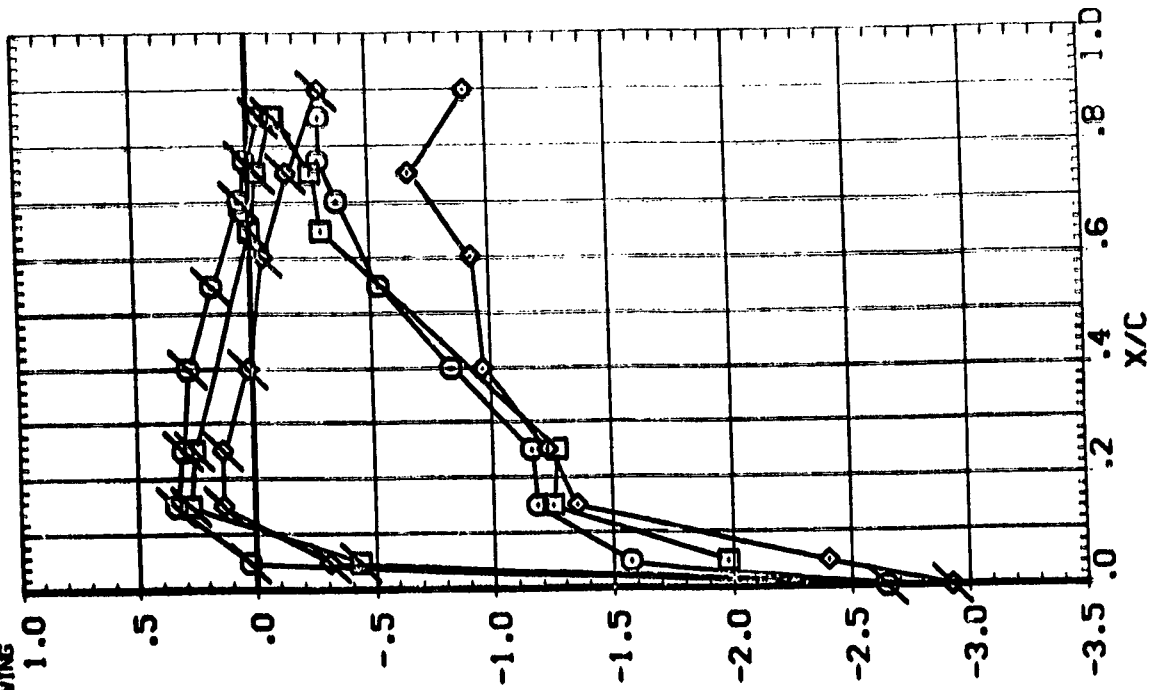
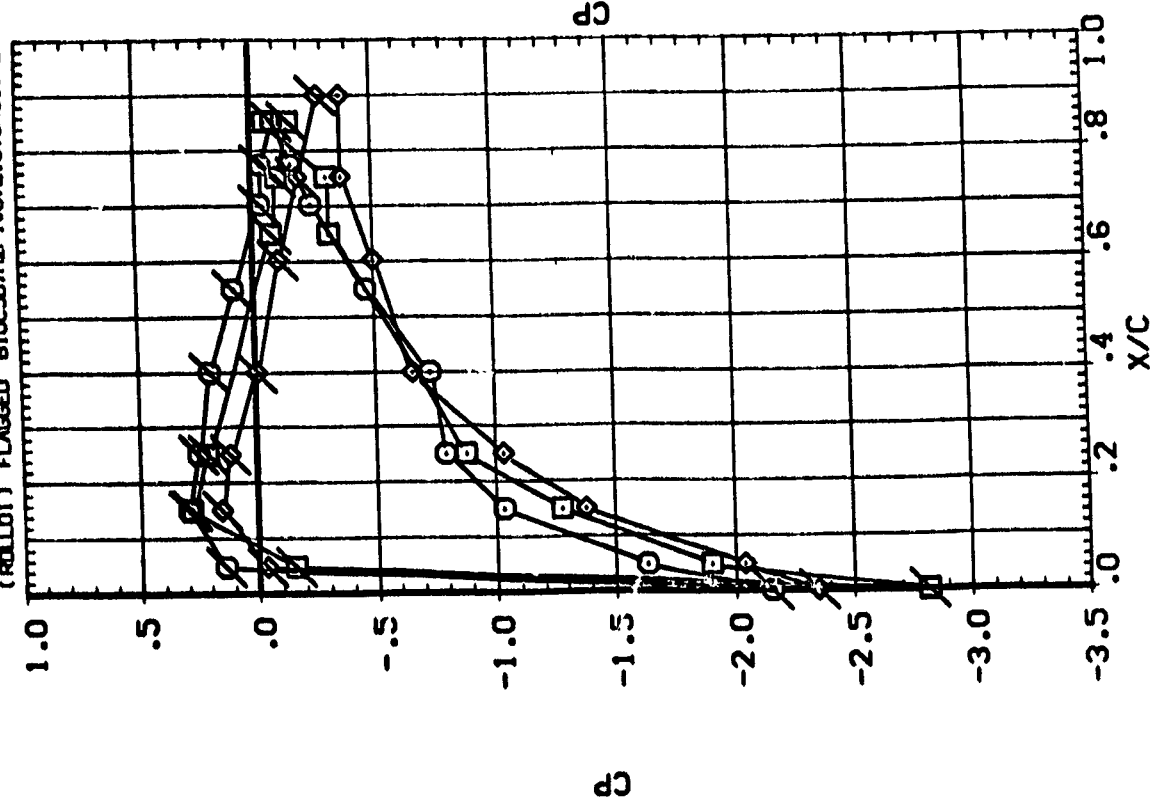
ELEVTR  
RUOFLR

.000  
40.000

RUDDER  
FLAP

.000  
-19.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
(ROLL01) OPEN 810C5D7N2F1V87E18V3R5G1 UPPER WING  
(ROLL01) FLAGGED 810C5D7N2F1V87E18V3R5G1 LEFT LOWER WING

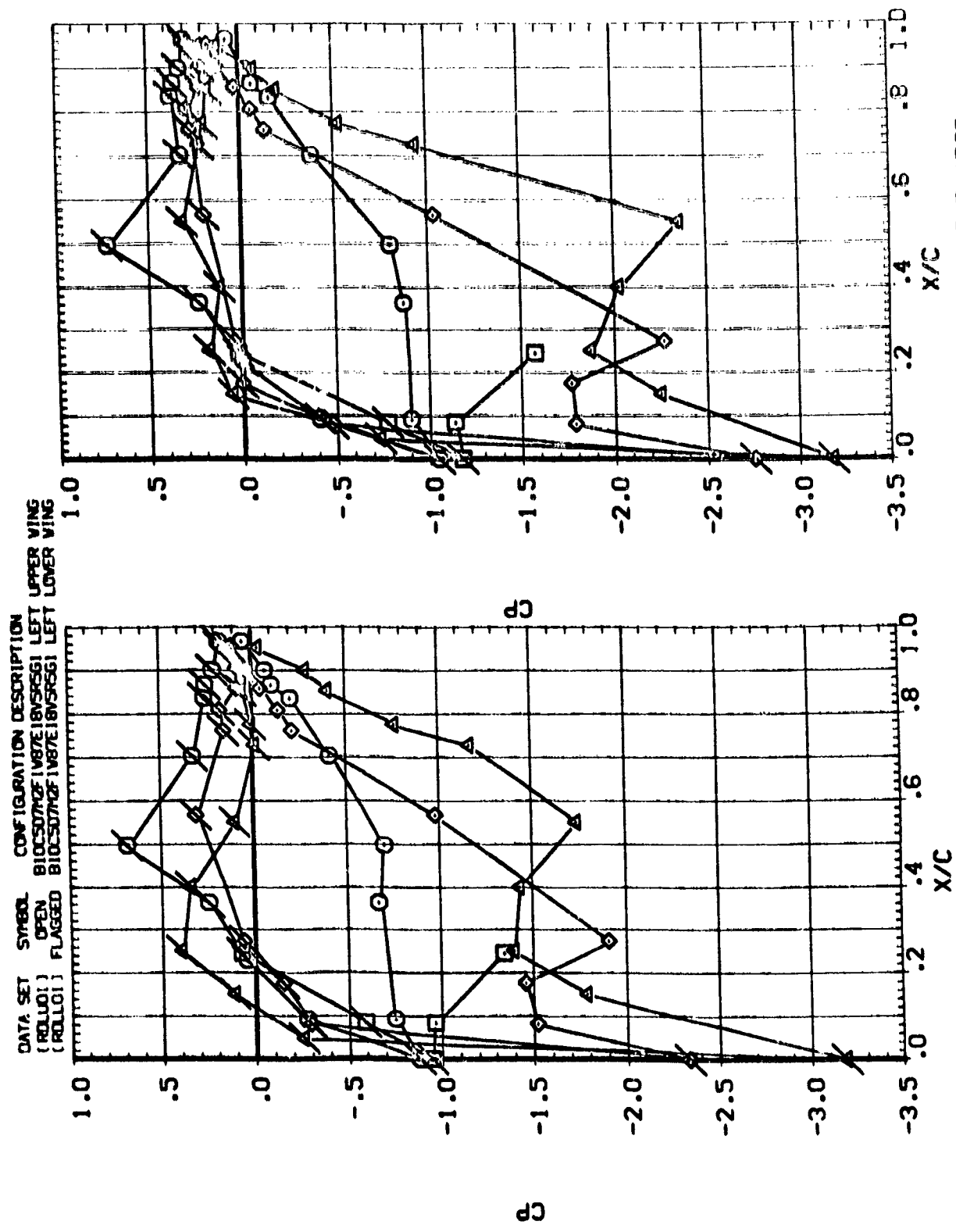


PARAMETRIC VALUES

ELEVTR	.000	RUDDER	.000
RUOFLR	40.000	FLAP	-13.000

SYMBOL

1/8	ALPHA	BETA
.299	14.260	5.030
.364	16.240	
.427		
.534		

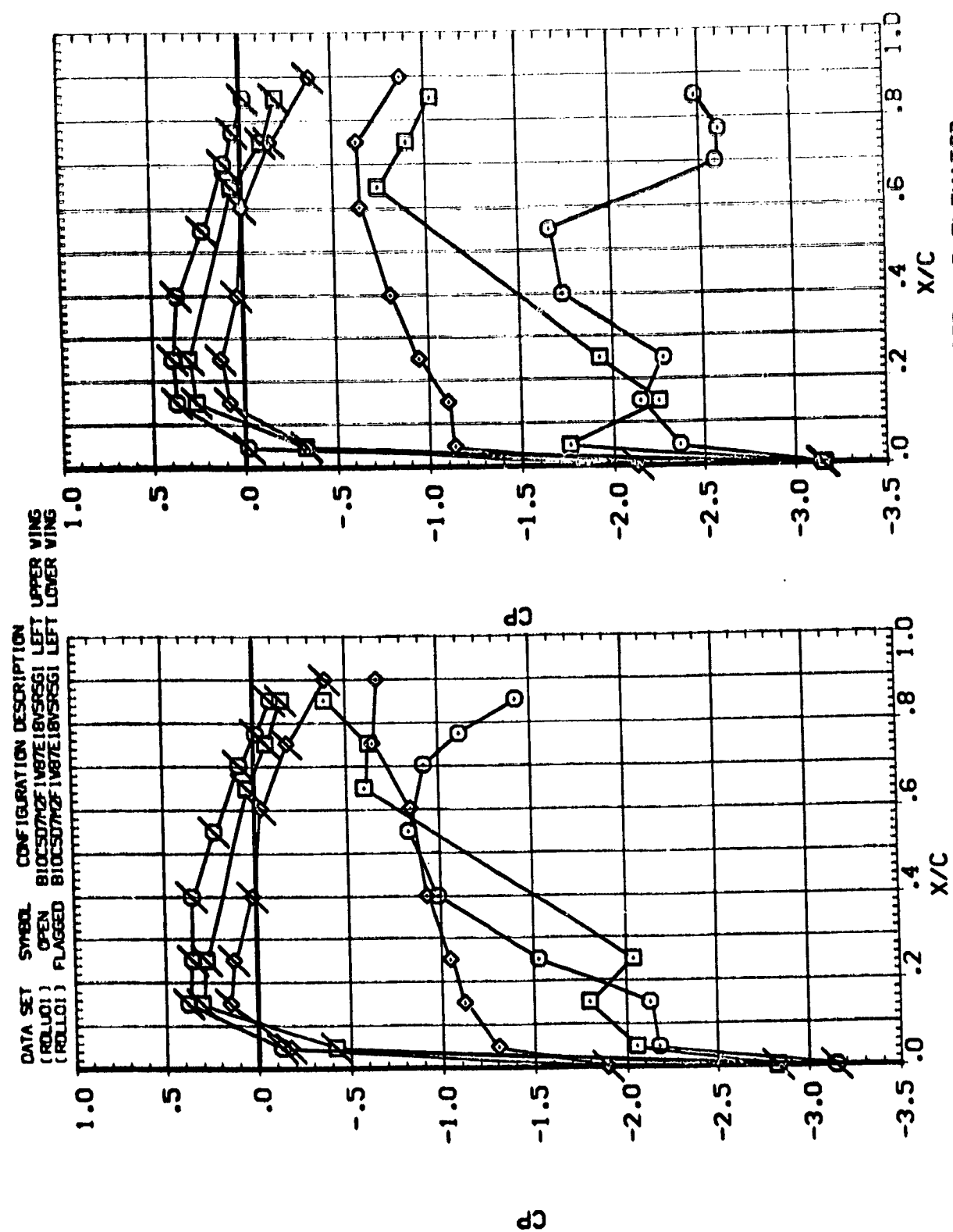




SYMBOL Y/B  
 ○ .673  
 □ .780  
 ◇ .887

ALPHA BETA  
 14.260 5.030  
 16.240

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -19.000



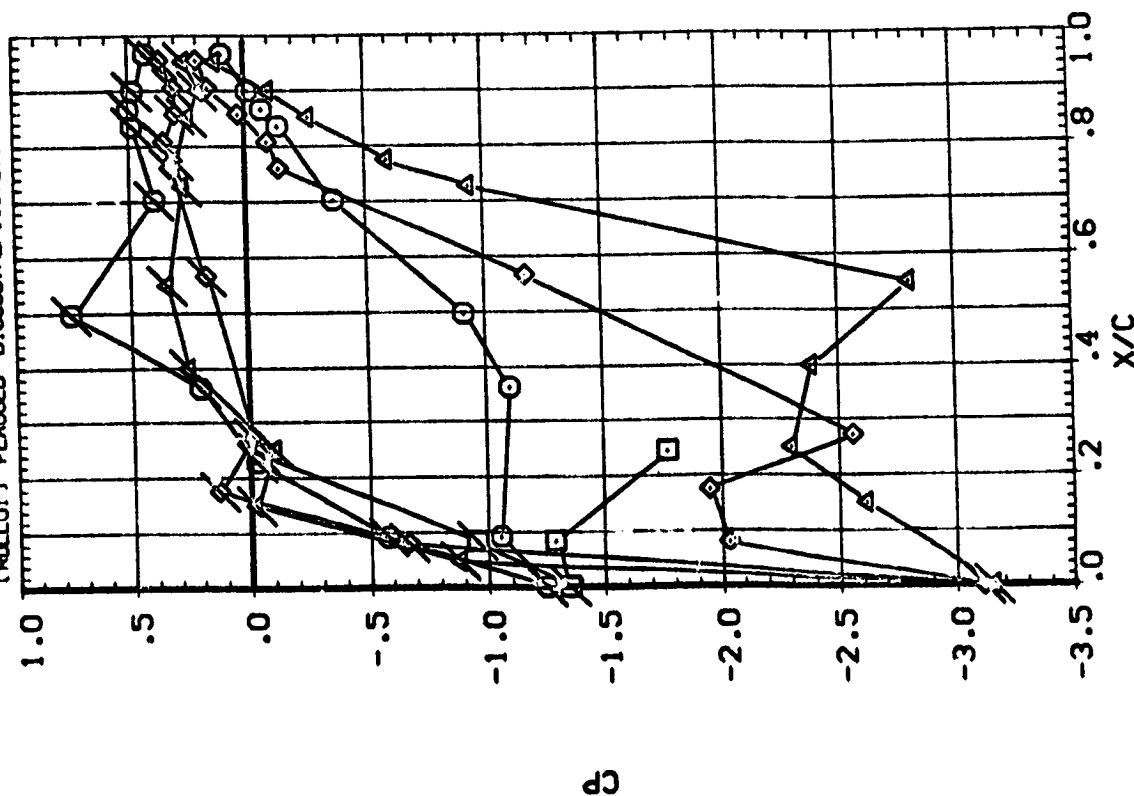
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES  
 .000 RUDDER  
 40.000 FLAP

ELEVTR  
 RUOFLR

SYMBOL Y/B ALPHA BETA  
 .289 18.310 5.030  
 .364  
 .427  
 .534

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL01) OPEN 810C507M2F1V87E18VSR5G1 LEFT UPPER VING  
 (ROLL01) FLAGGED 810C507M2F1V87E18VSR5G1 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

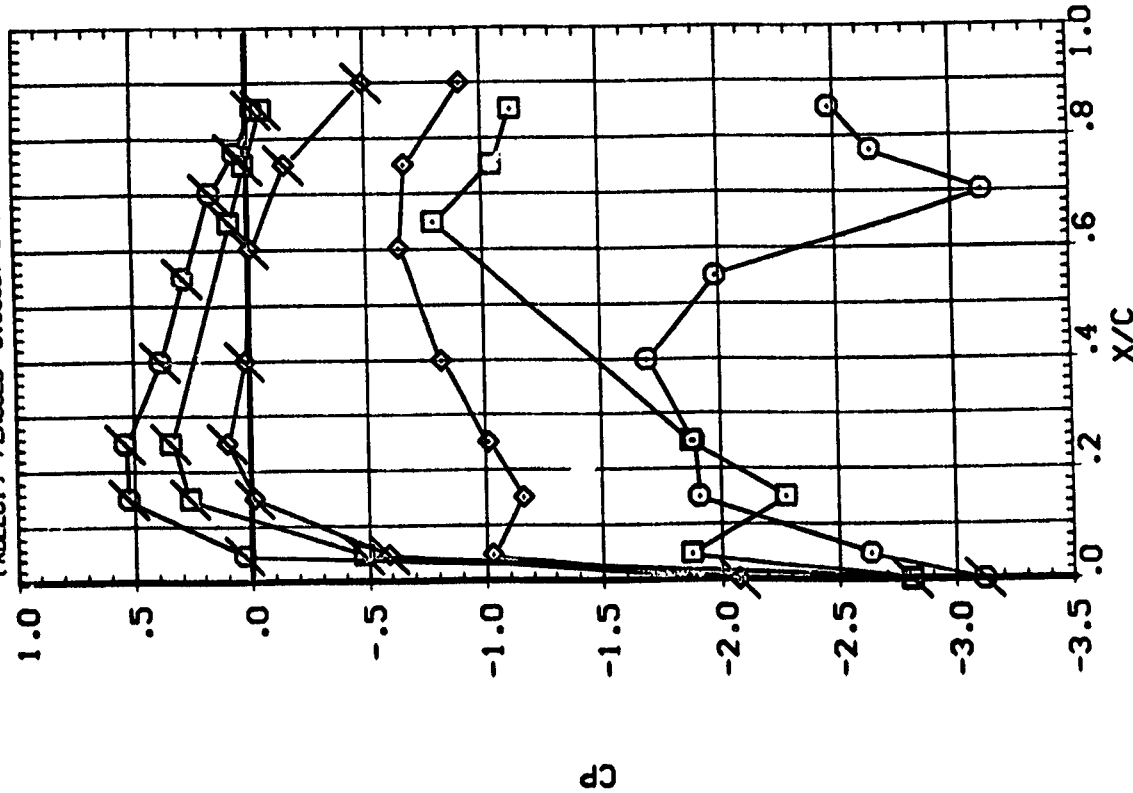


SYMBOL Y/B .673 .780 .887

ALPHA 18.310 BETA 5.030

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUOFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
(ROLL) OPEN 810C507M2F1V87E18VSR5G1 LEFT UPPER VING  
(ROLL) FLAGGED 810C507M2F1V87E18VSR5G1 LEFT LOWER VING



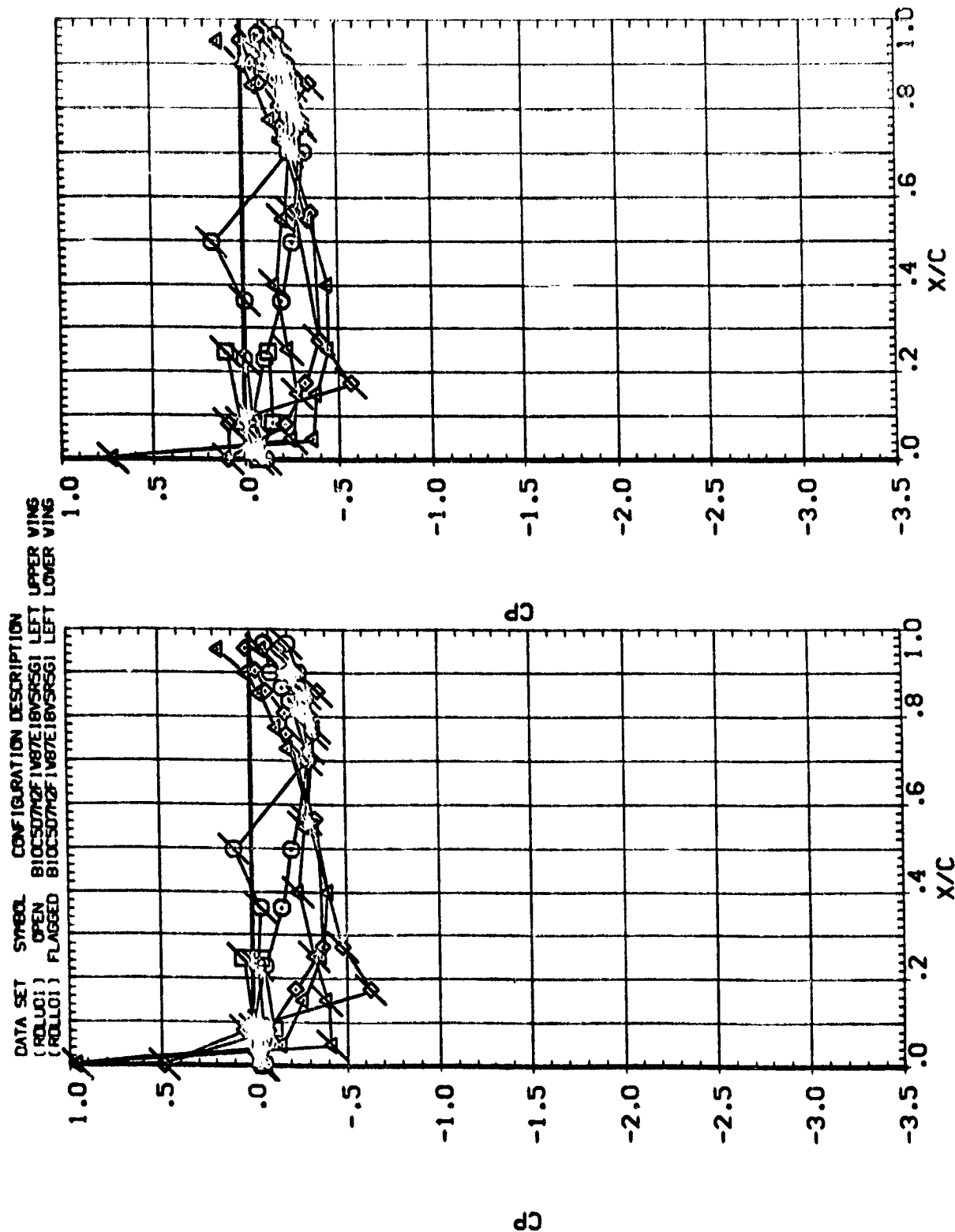


PARAMETRIC VALUES

	ELEVTR	RUOFLR	.000	RUDDER	.000
			40.000	FLAP	-18.000

SYMBOL Y/B ALPHA BETA

○	.299	-3.040	10.050
□	.364	-1.020	
◇	.427		
△	.534		



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



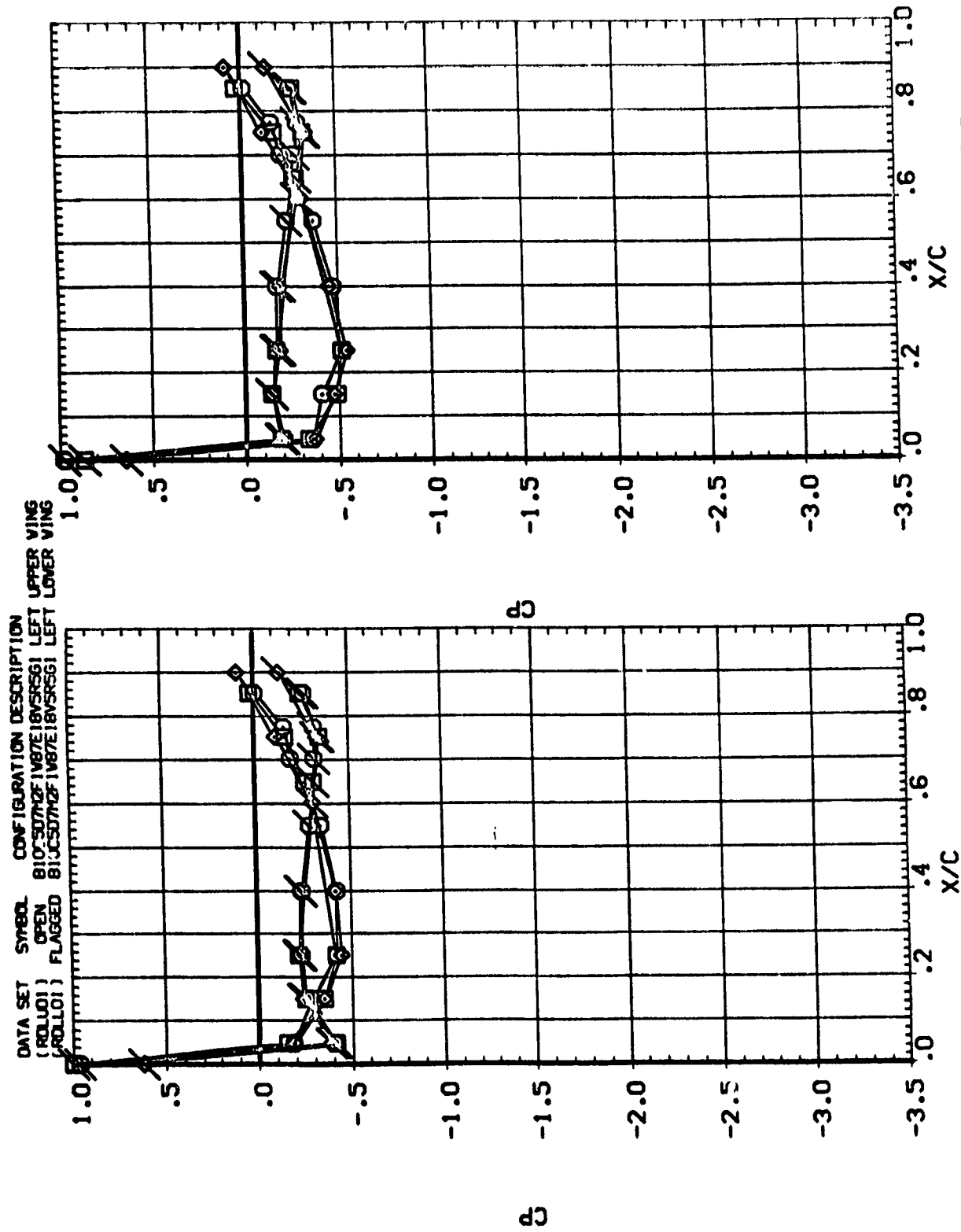
SYMBOL  $\square$   $\diamond$

Y/B .673  
.780  
.887

ALPHA -3.040  
-1.020

BETA 10.050

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000



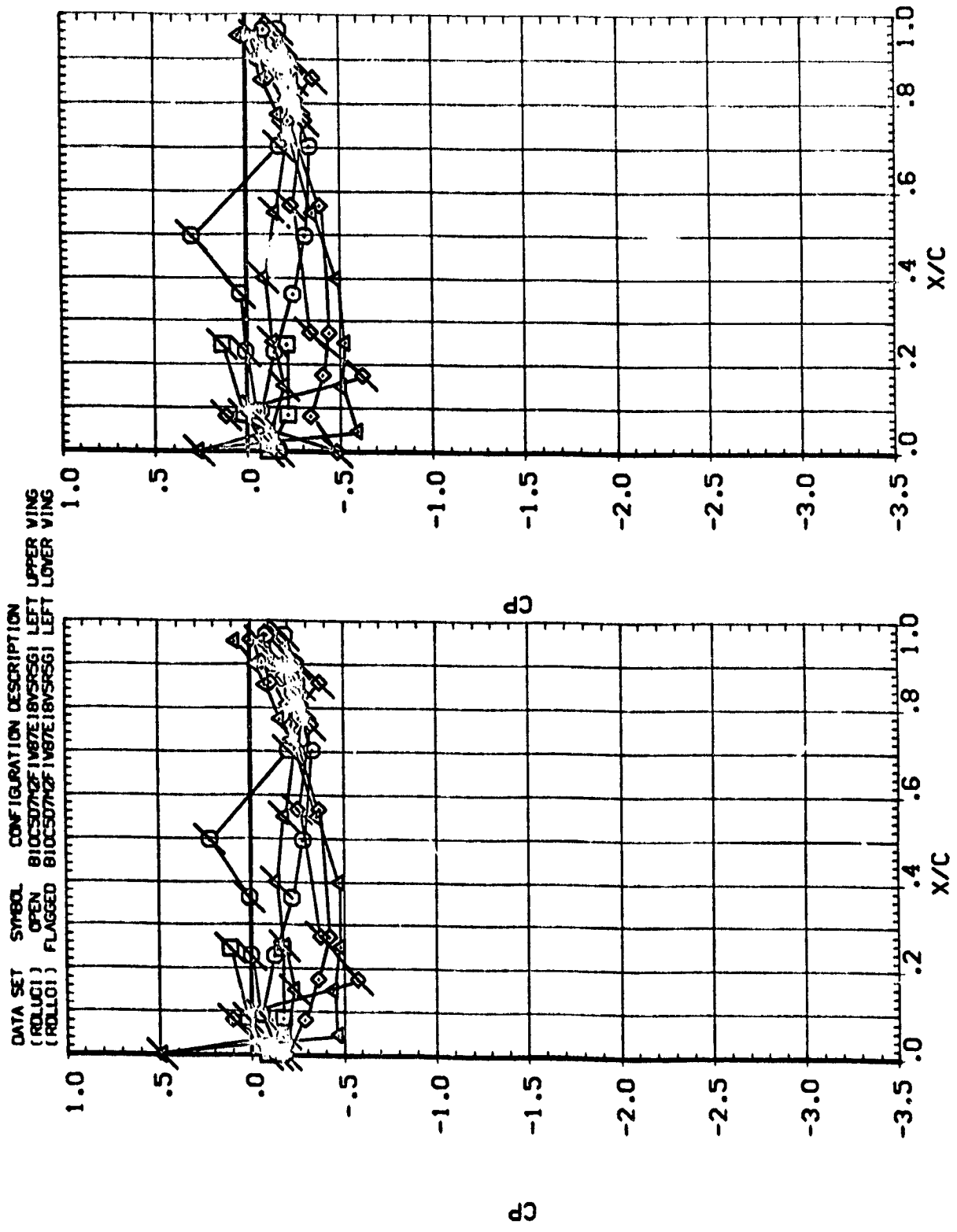
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES

	ELEVTR	RUOFLR	FLAP	RUDDER	
	.000	40.000	.000	.000	
					-18.000

SYMBOL     $\gamma/\beta$     ALPHA    BETA

○	.299	.030	10.050
□	.364	1.000	
◇	.427		
△	.534		



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

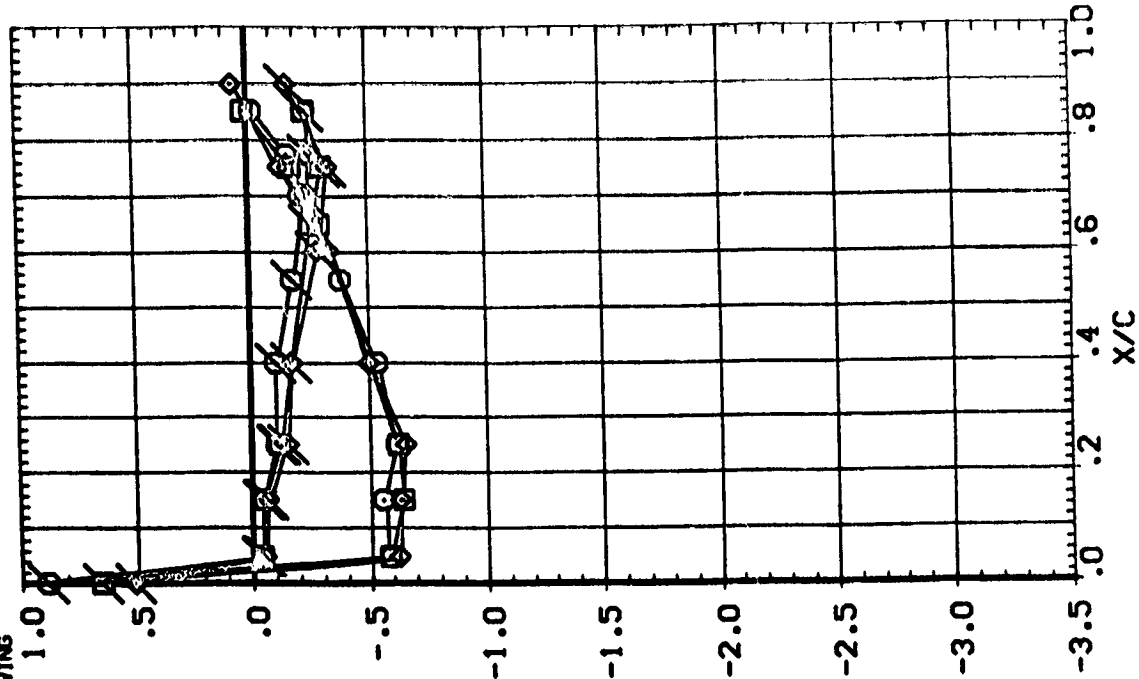
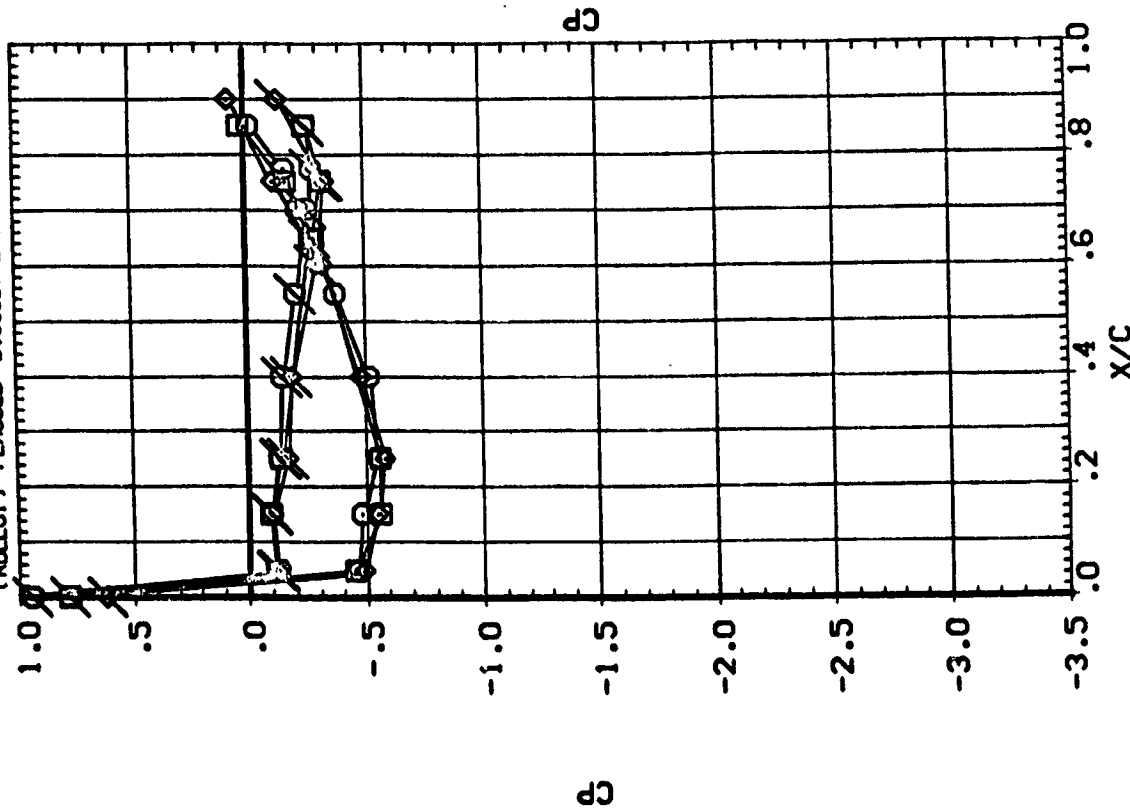


SYMBOL Y/B  
 □ .673  
 □ .780  
 ◇ .887

ALPHA BETA  
 .030 10.050  
 1.000

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLLU1) OPEN B10C507MZF1V87E18V5K5G1 LEFT UPPER VING  
 (ROLLU1) FLAGGED B10C507MZF1V87E18V5K5G1 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES

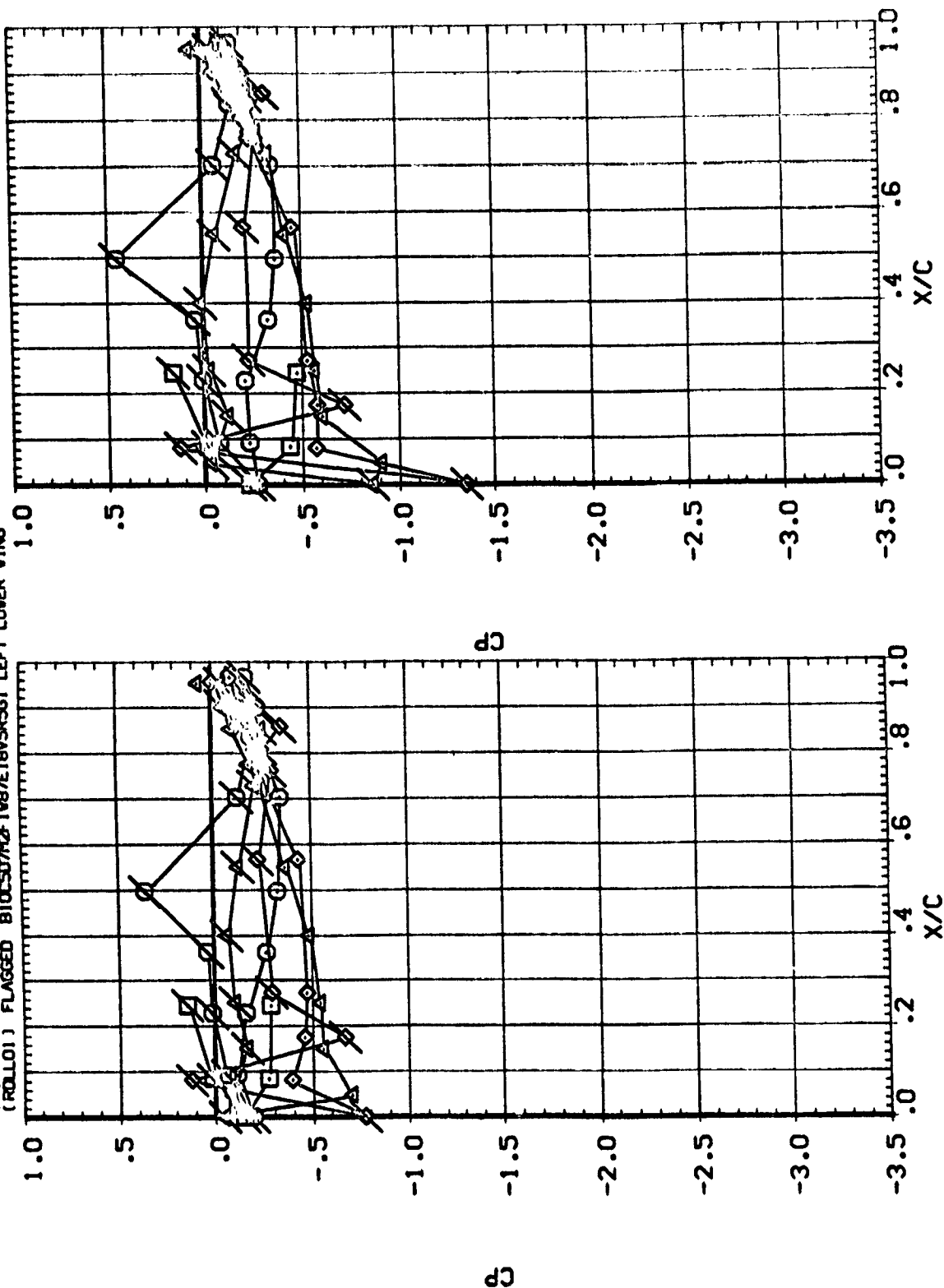
ELEVTR	.000	RUDR	.000
RUDFLR	40.000	FLAP	-18.000

SYMBOL Y/B ALPHA BETA

○	.299	1.990	10.050
□	.364	4.050	
◇	.427		
△	.534		

DATA SET SYMBOL CONFIGURATION DESCRIPTION

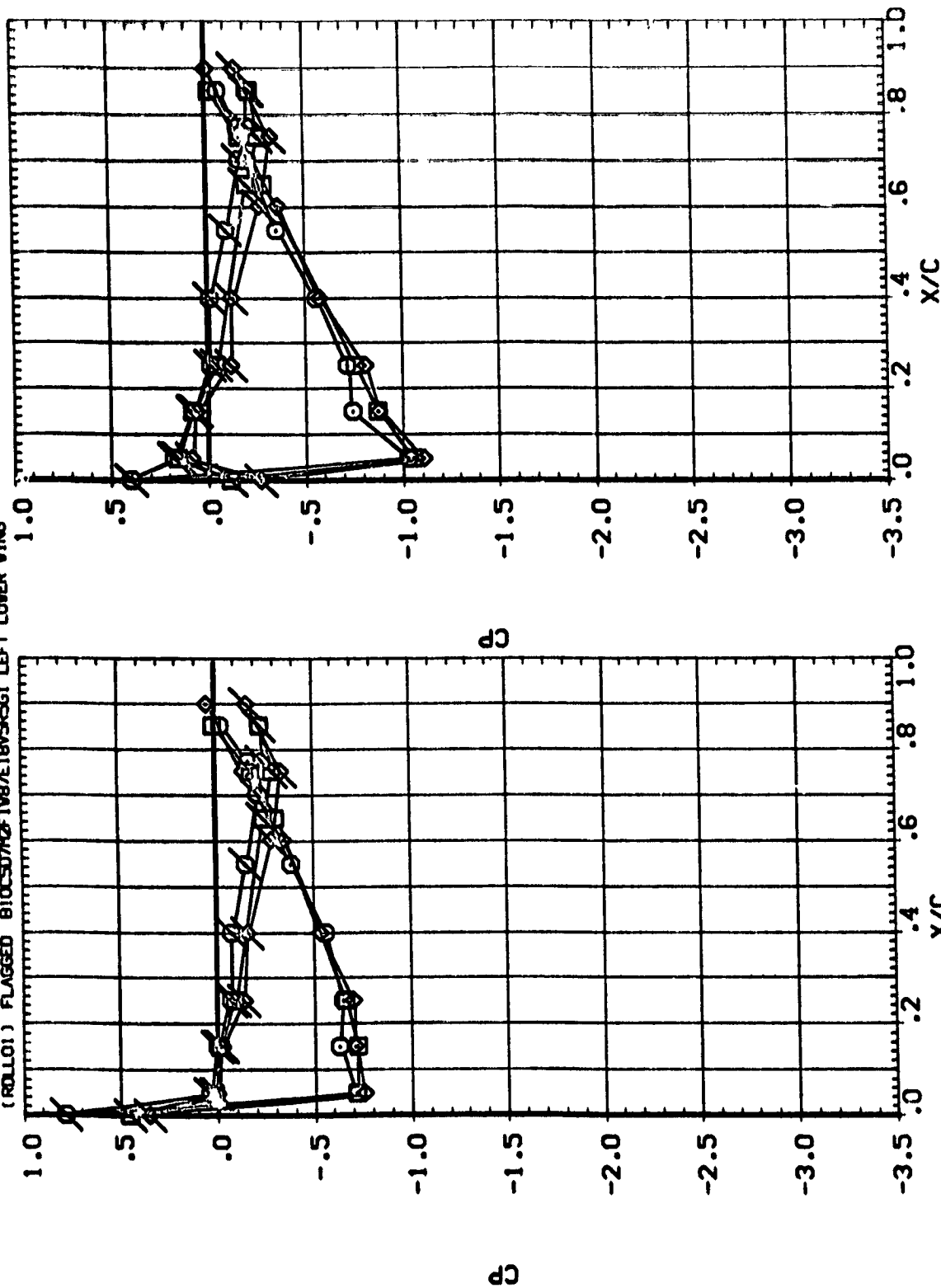
(ROLL01)	OPEN	B10C50702F187E18V5R5G1	LEFT UPPER VING
(ROLL01)	FLAGGED	B10C50702F187E18V5R5G1	LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

SYMBOL	Y/B	ALPHA	BETA	PARAMETRIC VALUES		
				ELEVTR	RUDDER	FLAP
□	.673	1.990	10.050	.000	.000	.000
□	.780	4.050		40.000		-18.000
◇	.887					

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(ROLL01)	OPEN	810C507K2F1V87E18V5K5G1 LEFT UPPER VING
(ROLL01)	FLAGGED	810C507K2F1V87E18V5K5G1 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES

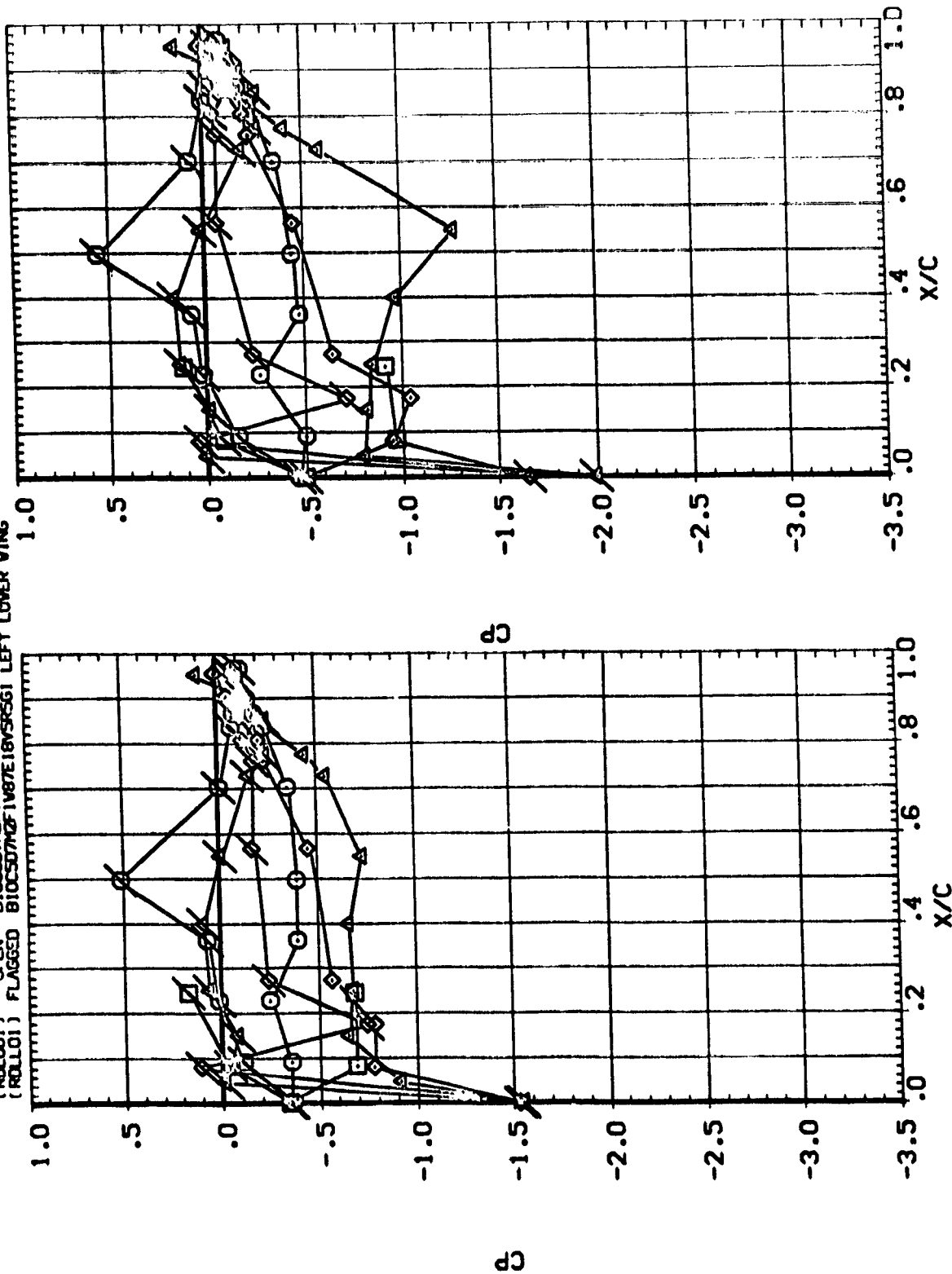
ELEVTR	.000	RUDER	.000
RUDFLR	40.000	FLAP	-18.000

SYMBOL    Y/B    ALPHA    BETA

○	.299	6.100	10.050
□	.364	8.120	
◇	.427		
△	.534		

DATA SET    SYMBOL    CONFIGURATION DESCRIPTION

(ROLL1)	OPEN	B10C507NGF1V87E18VS561	LEFT UPPER WING
(ROLL1)	FLAGGED	B10C507NGF1V87E18VS561	LEFT LOWER WING

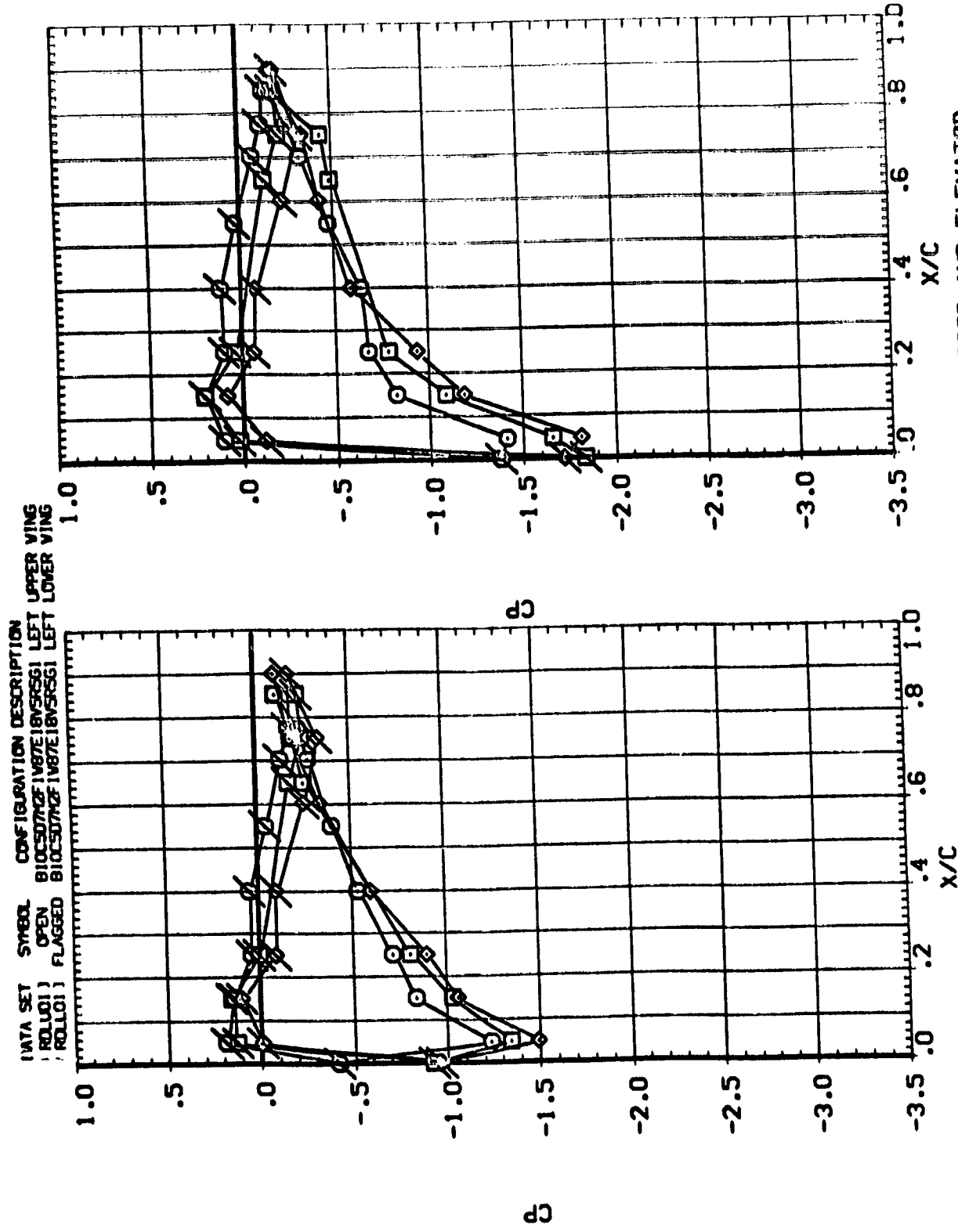


CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



SYMBOL    Y/B    ALPHA    BETA  
 ○    .673    6.100    10.050  
 □    .780    8.120  
 ◇    .887

PARAMETRIC VALUES  
 ELEVTR    .000    RUDDER    .000  
 RUOFLR    40.000    FLAP    -18.000



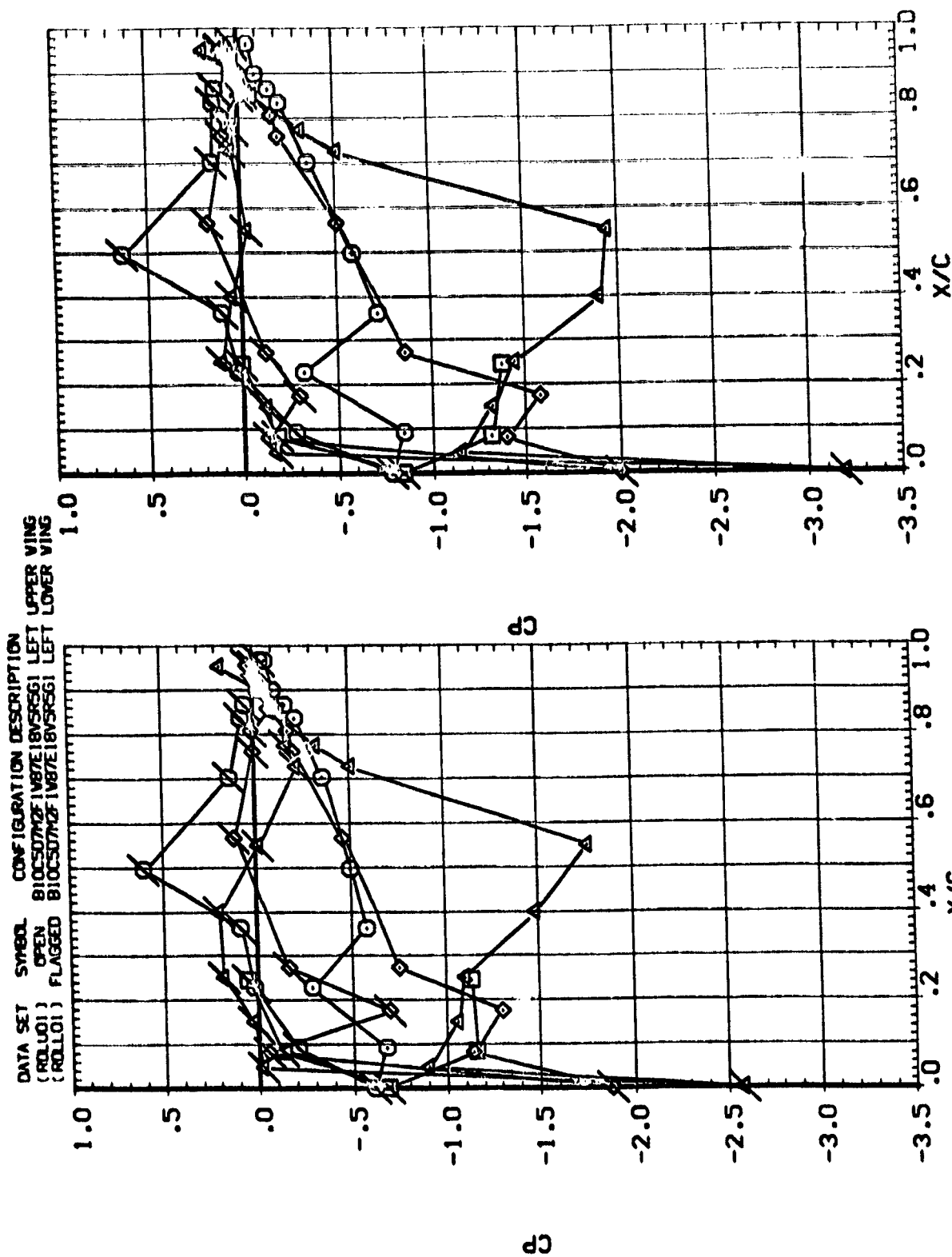


PARAMETRIC VALUES

	ELEVTR	RUOFLR	FLAP	RUOUDR	FLAP
	.000	.000	.000	.000	.000
	40.000	40.000	40.000	40.000	40.000

SYMBOL Y/B ALPHA BETA

SYMBOL	Y/B	ALPHA	BETA
○	.299	10.130	10.050
□	.364	12.180	
◇	.427		
△	.534		



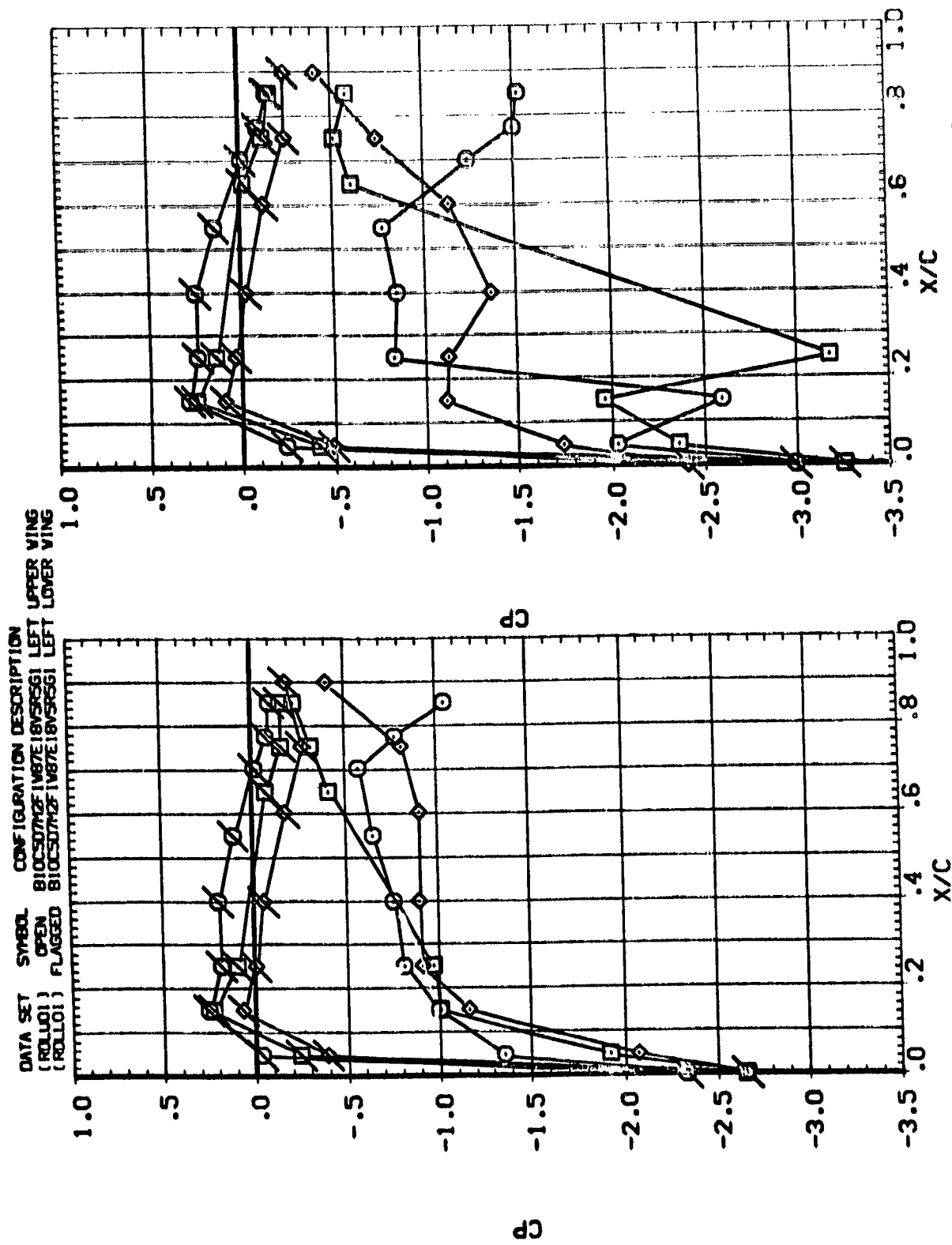
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



PARAMETRIC VALUES  
 .000 RUDER .000  
 40.000 FLAP -18.000

ELEVTR  
 RUFLR

SYMBOL Y/B ALPHA BETA  
 .673 10.130 10.050  
 .780 12.180  
 .887



PARAMETRIC VALUES

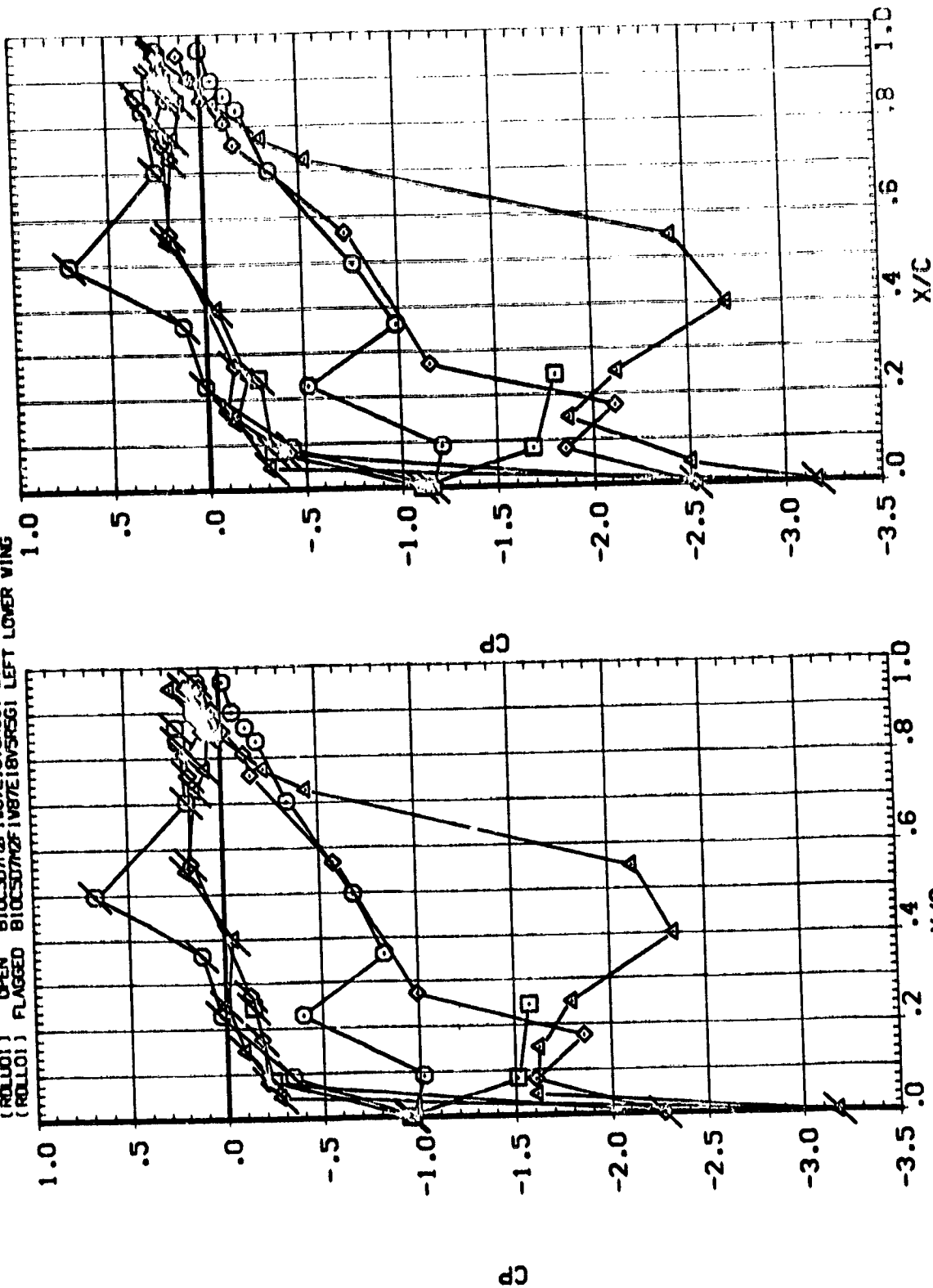
ELEVTR	.000	RUDDER	.000
RUOFUR	40.000	FLAP	-19.000

SYMBOL Y/B ALPHA BETA

○	.299	14.230	10.050
□	.364	16.250	
◇	.427		
△	.534		

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ROLL01)	OPEN	B10C5U7N2F1V87E18V5R5G1	UPPER WING
(ROLL01)	FLAPPED	B10C5U7N2F1V87E18V5R5G1	LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

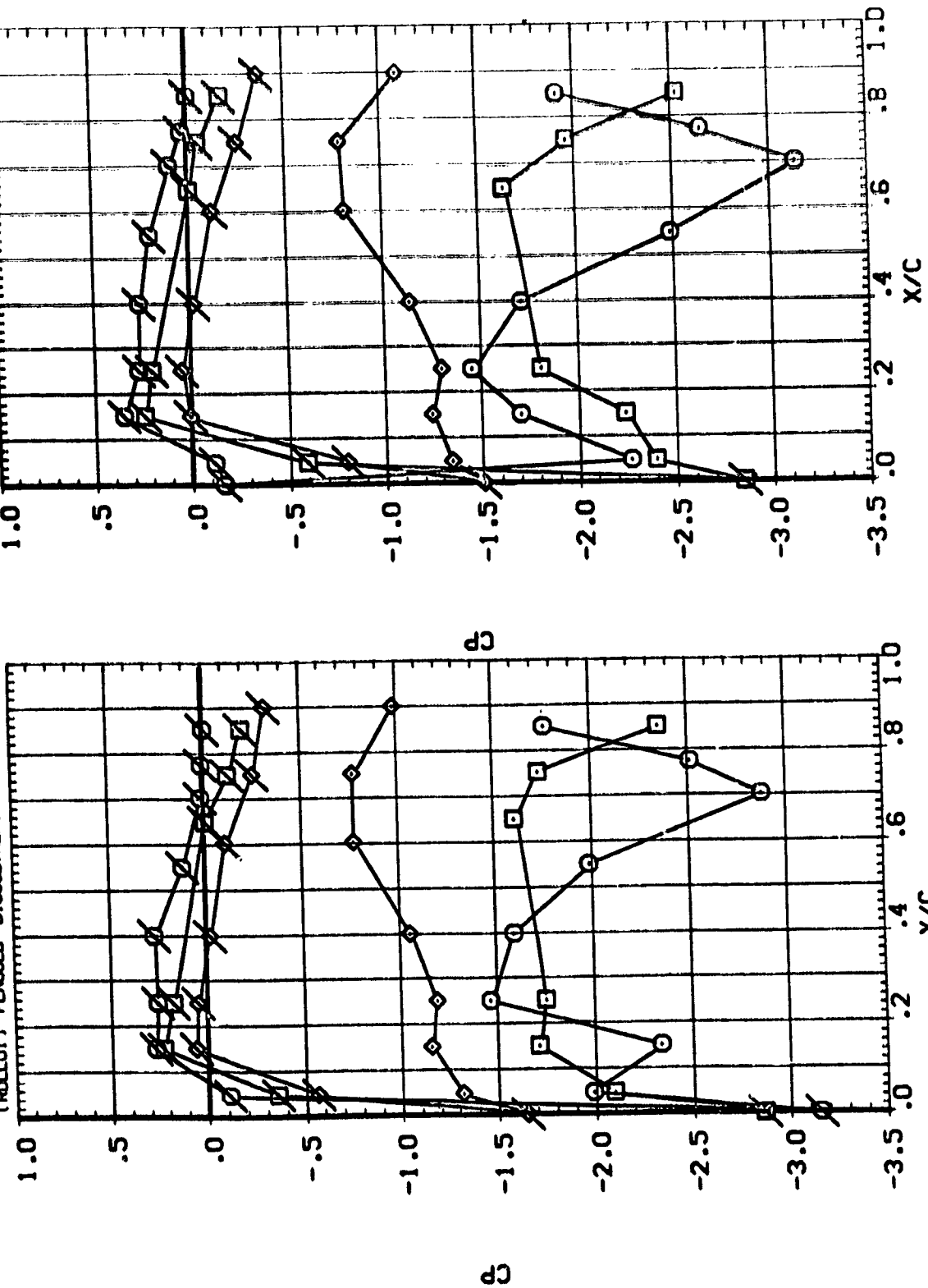


SYMBOL Y/B  
 ○ .673  
 □ .780  
 ◇ .887

ALPHA 14.230  
 BETA 10.050  
 16.250

PARAMETRIC VALUES  
 ELEVTR .000  
 RUDDFLR 40.000  
 RUDDER .000  
 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL1) OPEN 810C507MCF 187E18V5K5G1 LEFT UPPER VING  
 (ROLL1) FLAGGED 810C507MCF 187E18V5K5G1 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES

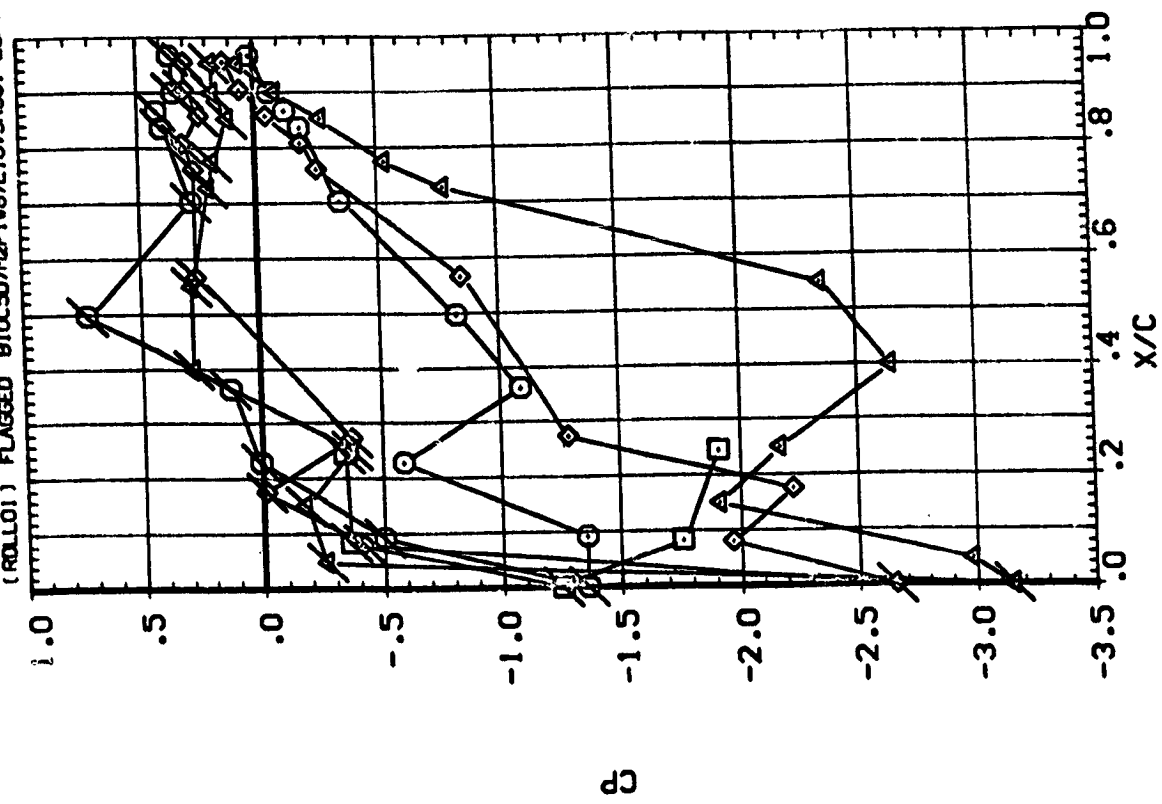
ELEVTR	.000	RUDDER	.000
RUOFLR	40.000	FLAP	-18.000

SYMBOL Y/B ALPHA BETA

○	.299	16.260	10.050
□	.364		
◇	.427		
△	.534		

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ROLLU)	OPEN	810C5D7MZF1V87E18VSR5G1	LEFT UPPER VING
(ROLLD)	FLAGGED	810C5D7MZF1V87E18VSR5G1	LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR



PARAMETRIC VALUES

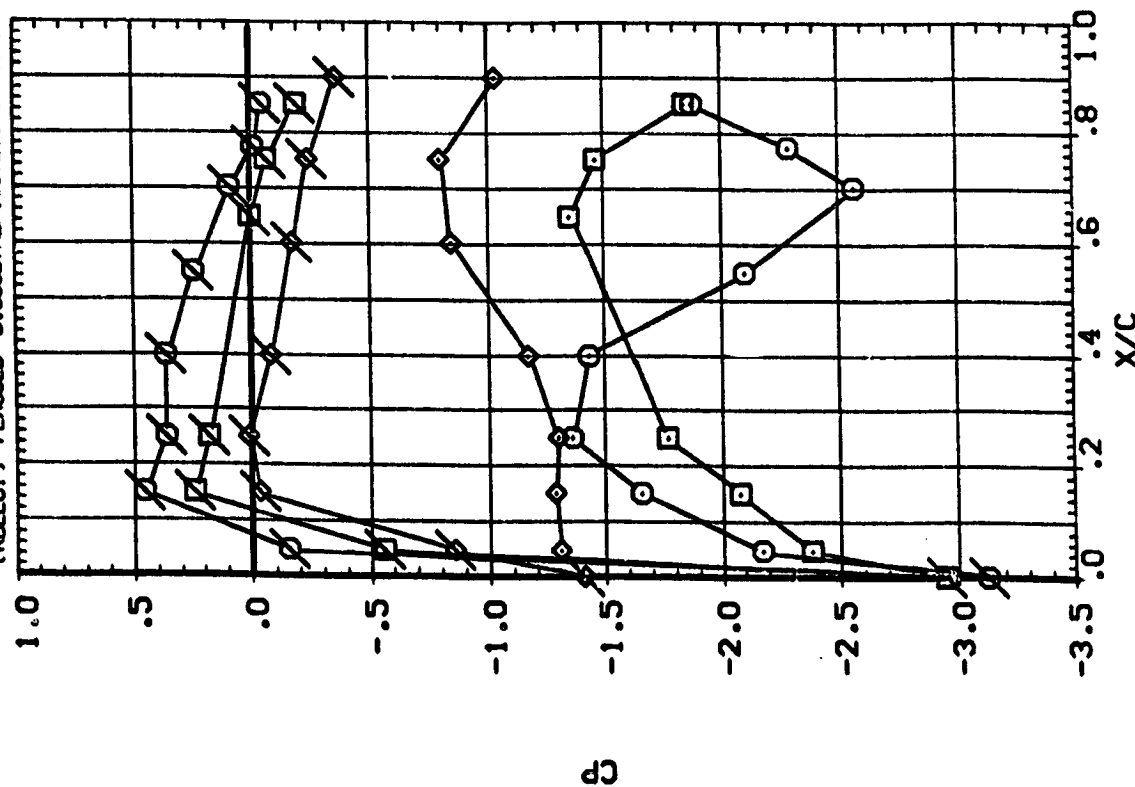
ELEVTR	.000	RUDDER	.000
RUOFLR	40.000	FLAP	-18.000

SYMBOL Y/B ALPHA BETA

○	.673	18.260	10.050
□	.780		
◇	.887		

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ROLL1)	OPEN	B10C507M2F1V87E18VSRSG1	LEFT UPPER VING
(ROLL1)	FLAGGED	B10C507M2F1V87E18VSRSG1	LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES

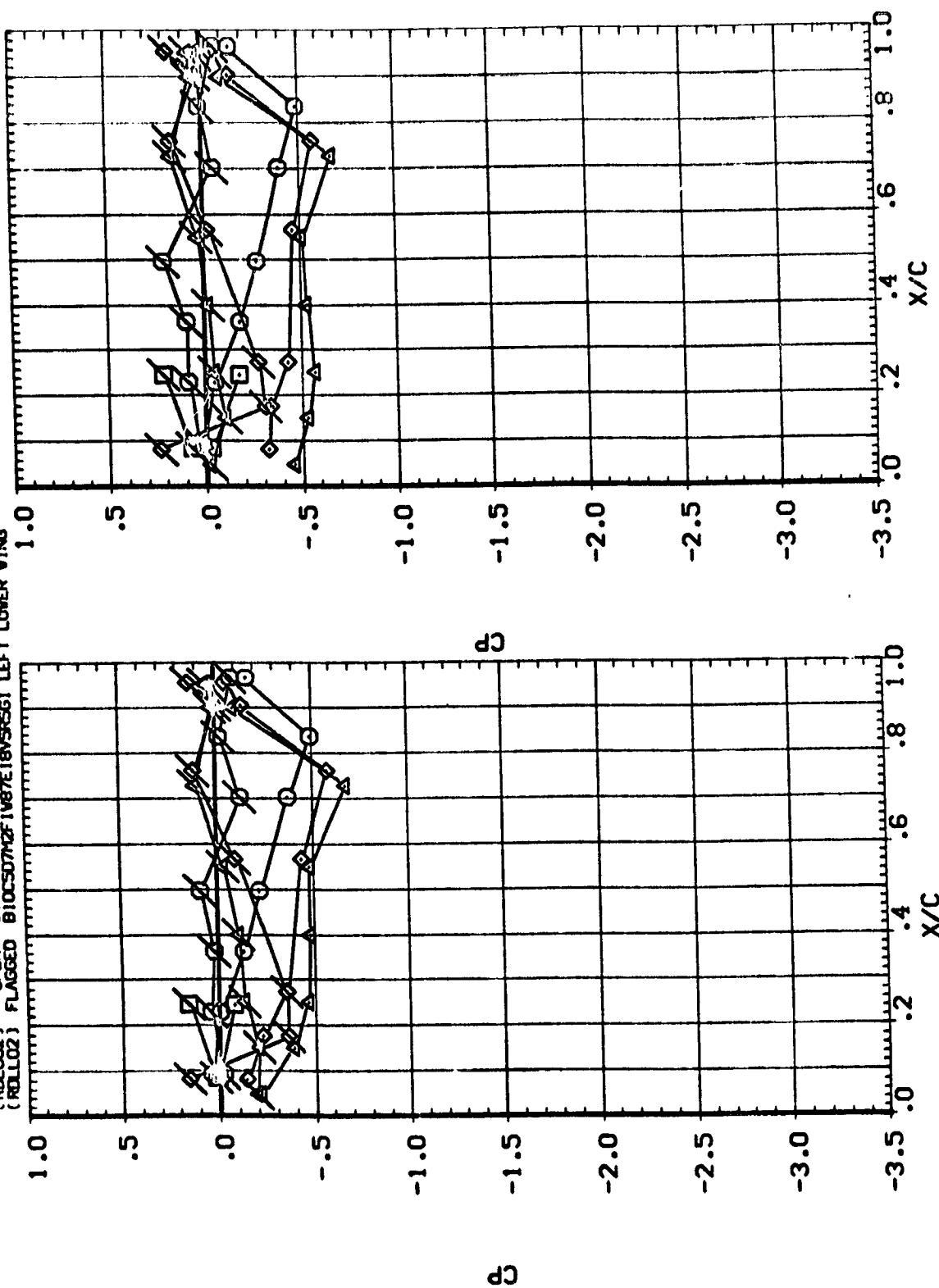
ELEVTR	15.000	RUDDER	.000
RUOFLR	40.000	FLAP	-18.000

SYMBOL    Y/B    ALPHA    BETA

○	.299	-3.040	.000
□	.364	-1.000	
◇	.427		
△	.534		

DATA SET    SYMBOL    CONFIGURATION DESCRIPTION

(ROLL02)	OPEN	B10C507M2F1V87E18V5R5G1 LEFT UPPER VING
(ROLL02)	FLAGGED	B10C507M2F1V87E18V5R5G1 LEFT LOWER VING



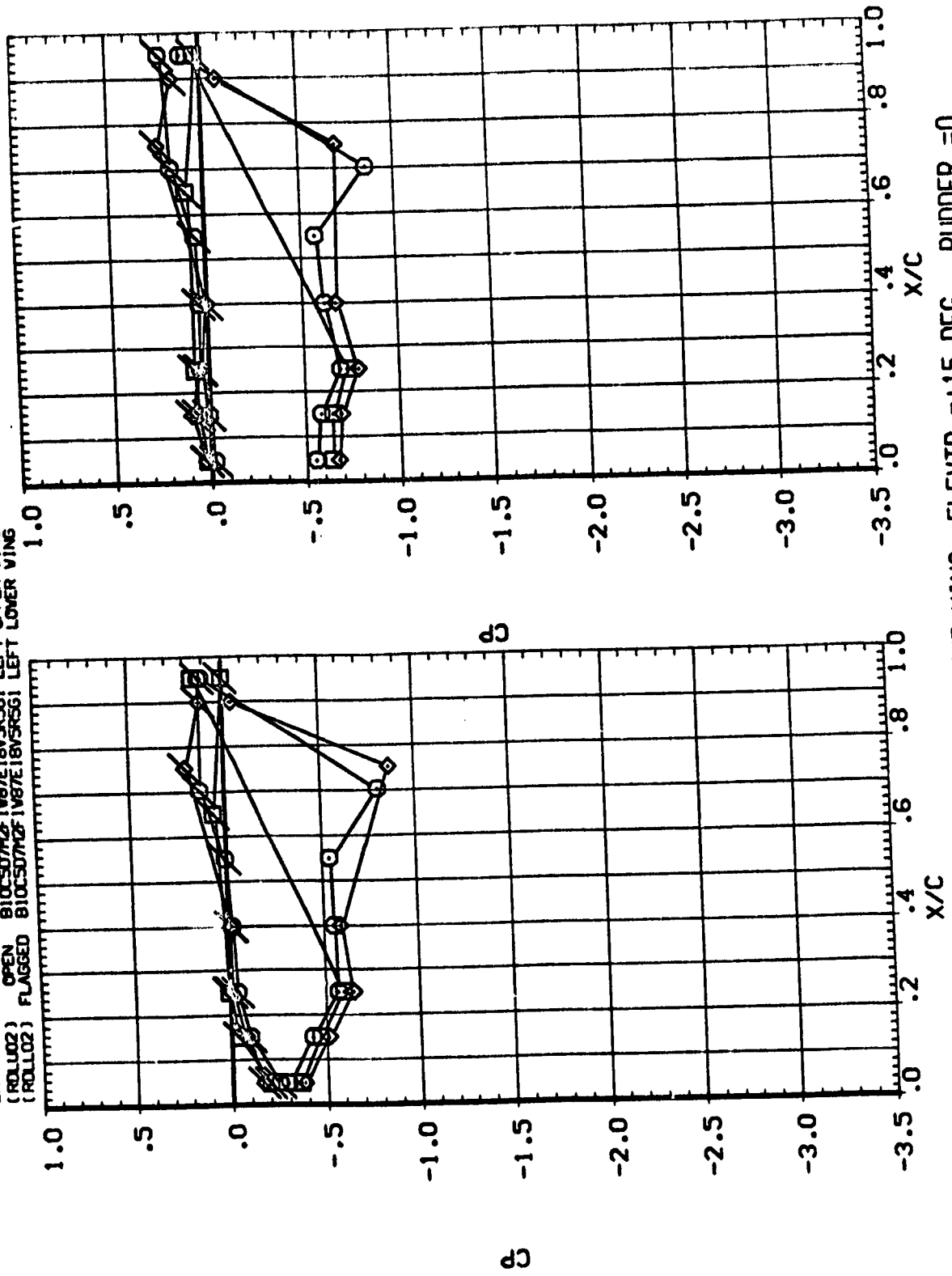
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR =+15 DEG., RUDDER =0

PARAMETRIC VALUES  
 15.000 RUDDER .000  
 40.000 FLAP -18.000

ELEVTR  
 RUOFLR

SYMBOL Y/B ALPHA BETA  
 .673 -3.040 .000  
 .780 -1.000  
 .887

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL02) OPEN B10C507M2F1V87E18VS9SG1 LEFT UPPER VING  
 (ROLL02) FLAGGED B10C507M2F1V87E18VS9SG1 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR =+15 DEG., RUDDER =0

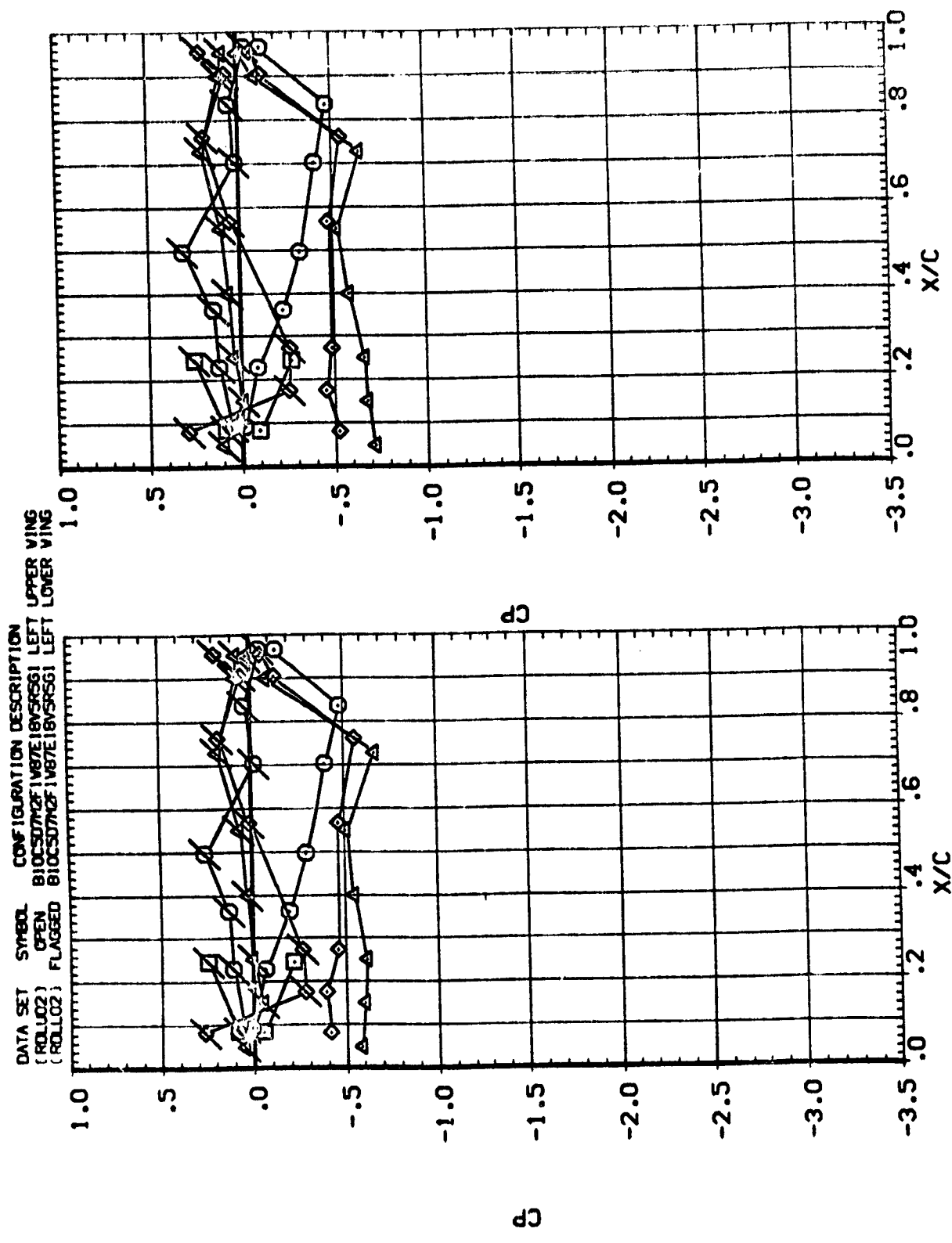


PARAMETRIC VALUES

ELEVTR	15.000	RUDDER	.000
RUOFLR	40.000	FLAP	-18.000

SYMBOL Y/B ALPHA BETA

○	.299	.010	.000
□	.364	.990	
◇	.427		
△	.534		



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR =+15 DEG., RUDDER =0



SYMBOL  
□  
◇

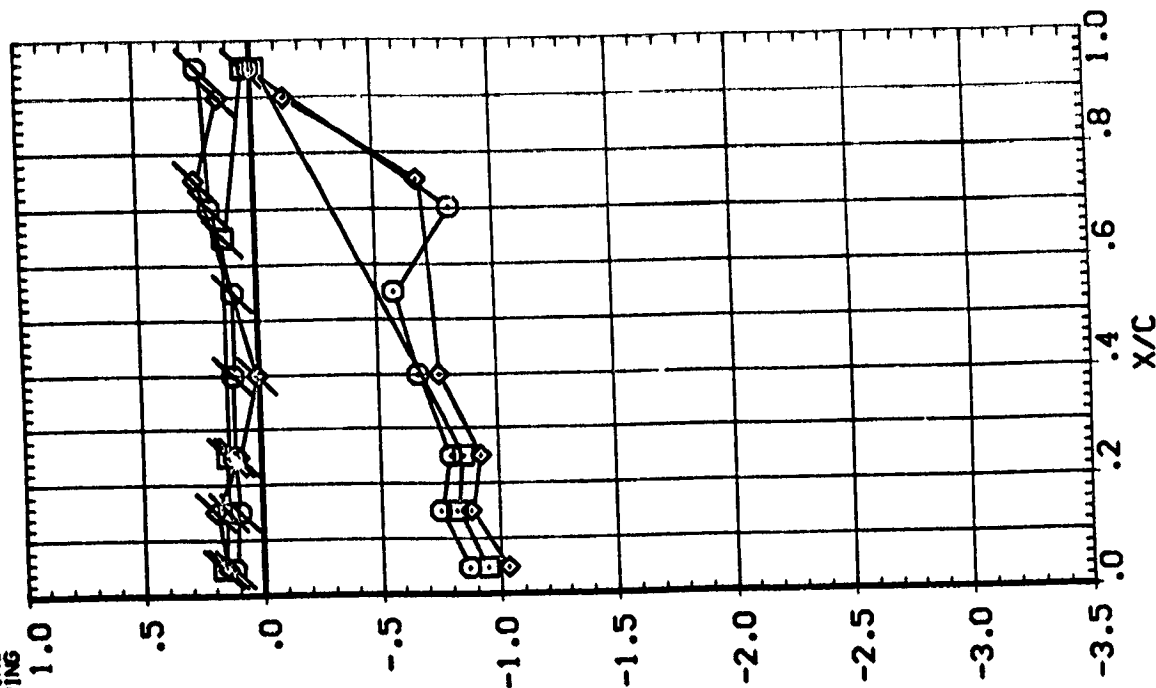
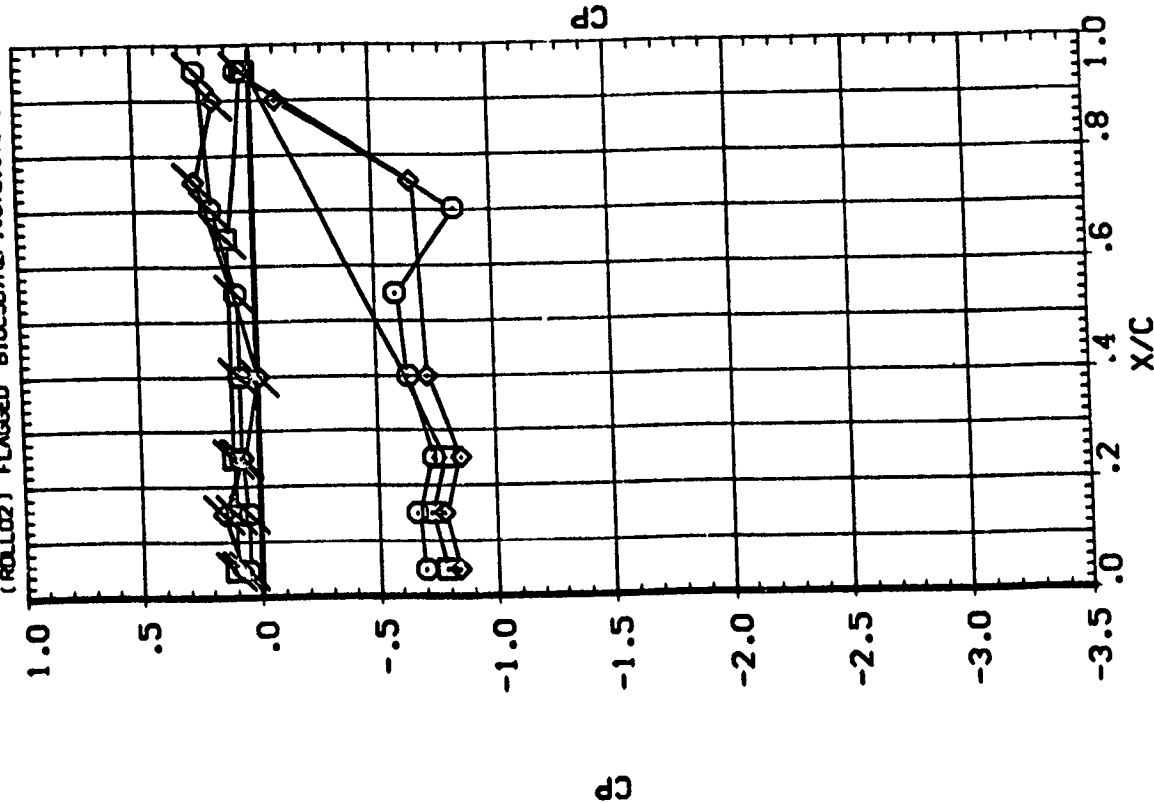
Y/B  
.673  
.780  
.887

ALPHA  
.010  
.990

BETA  
.000

PARAMETRIC VALUES  
ELEVTR 15.000 RUDDER .000  
RUOFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
(ROLL02) OPEN BIOC507MCF1V87E18VSRSG1 LEFT UPPER WING  
(ROLL02) FLAGGED BIOC507MCF1V87E18VSRSG1 LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR =+15 DEG., RUDDER =0

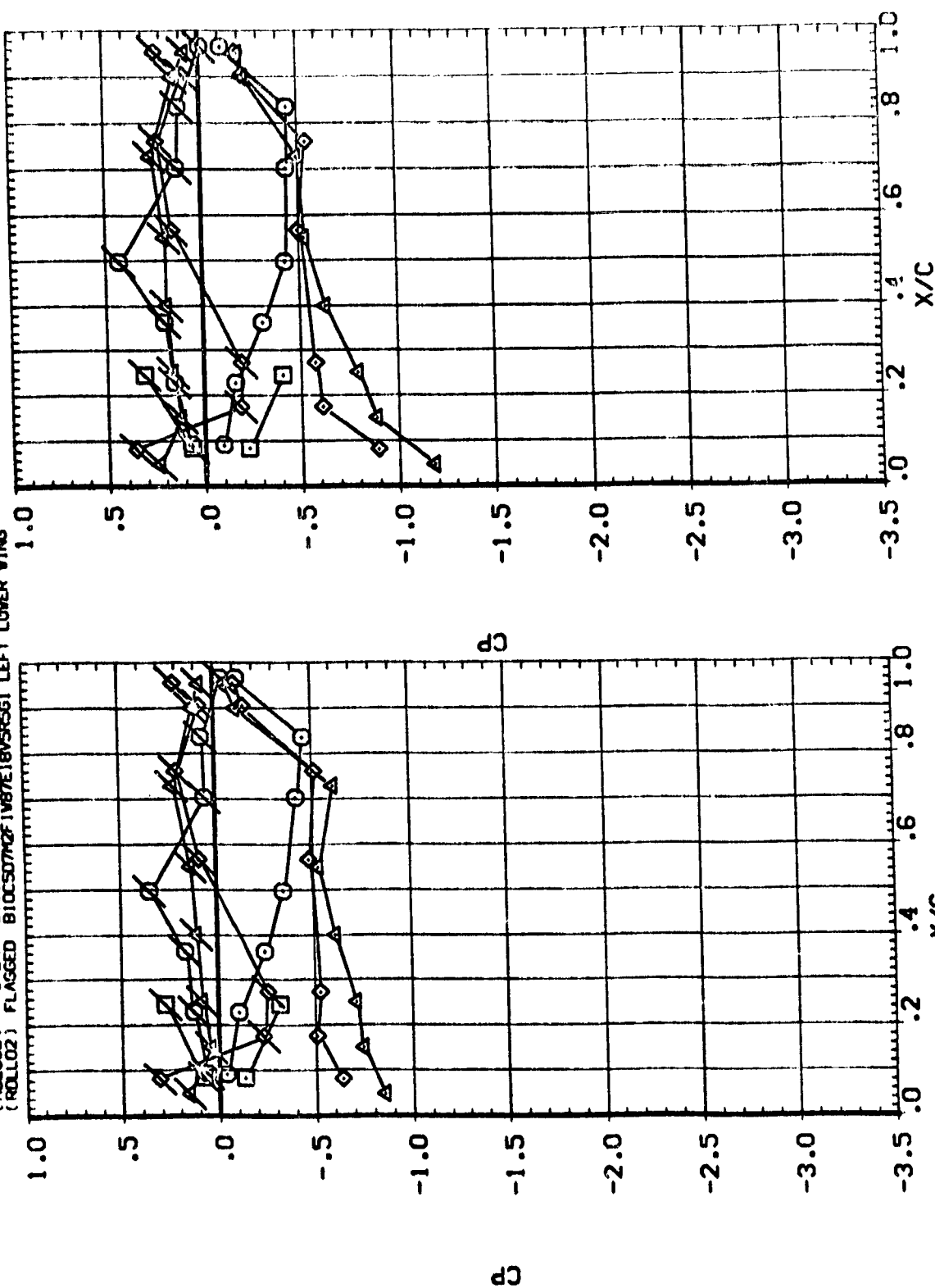
PARAMETRIC VALUES

	ELEVTR	RUDDFLR	15.000	RUDDER	40.000	FLAP	-18.000

SYMBOL 1/8 ALPHA BETA .000

SYMBOL	1/8	ALPHA	BETA
□	.299	2.030	.000
○	.364	4.030	
◇	.427		
△	.534		

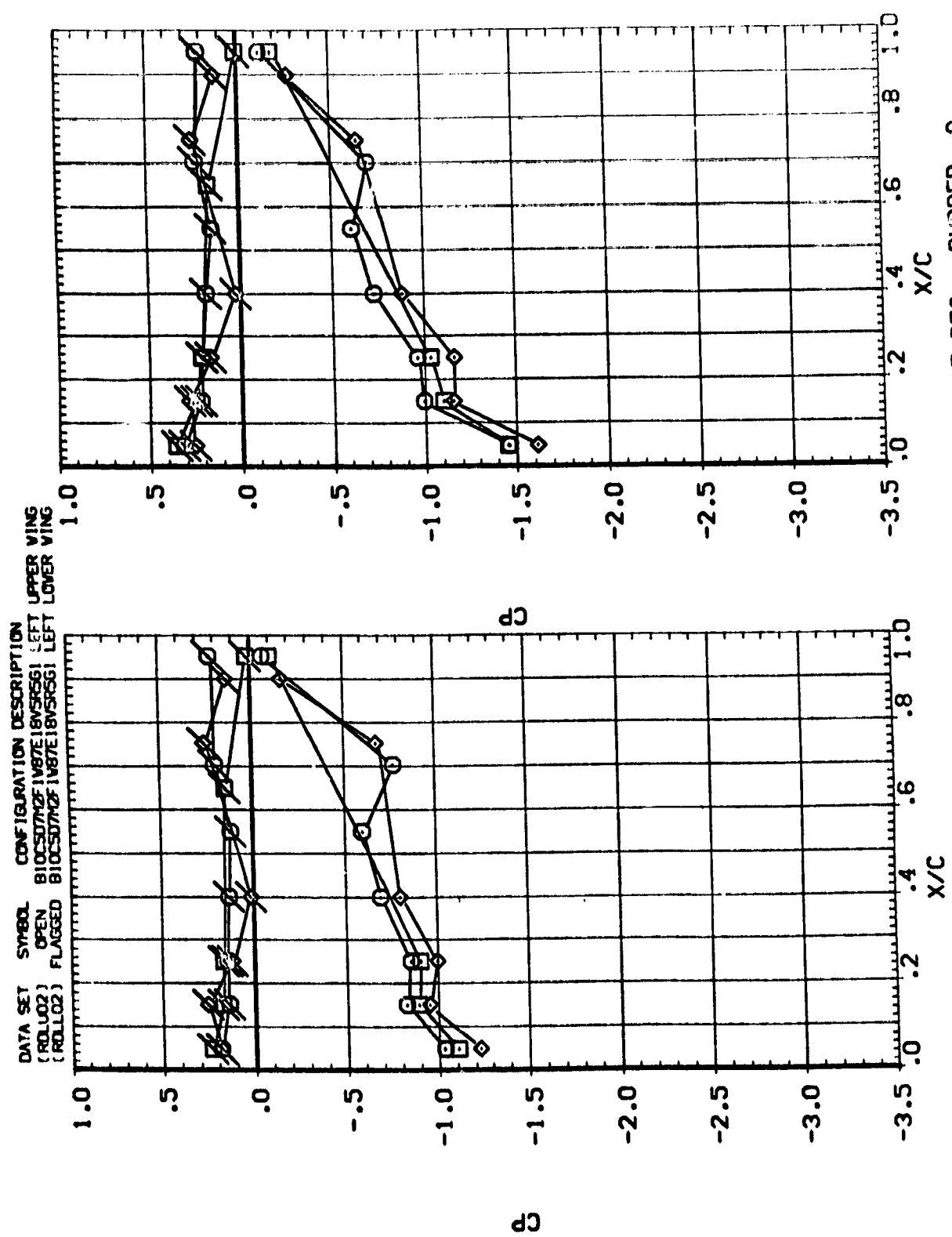
DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL02) OPEN BLOC507MCF1V87E18VSRSG1 LEFT UPPER VING  
 (ROLL02) FLAGGED BLOC507MCF1V87E18VSRSG1 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR =+15 DEG., RUDDER =0



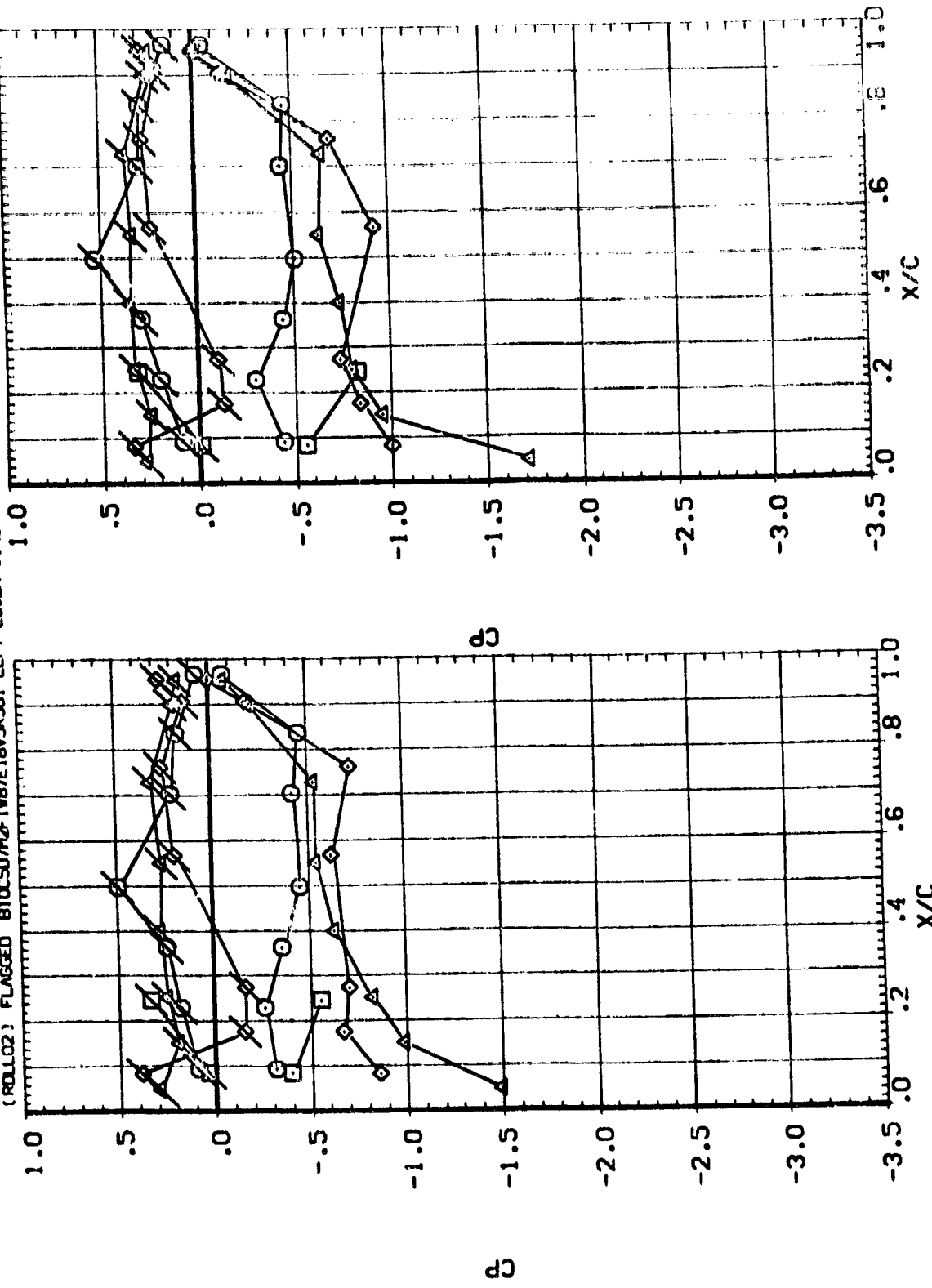
SYMBOL	Y/B	ALPHA	BETA	PARAMETRIC VALUES		
				ELEVTR	RUDDER	FLAP
○	.673	2.030	.000	15.000		.000
□	.780	4.030		40.000		-18.000
◇	.887					



PARAMETRIC VALUES  
 ELEVTR 15.000 RUDDER .000  
 RUOFLR 40.000 FLAP -9.000

SYMBOL Y/B ALPHA BETA  
 .299 6.080 .000  
 .364 8.110  
 .427  
 .534

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL02) OPEN 8100507N2F1W87E18VSX5G1 LEFT UPPER WING  
 (ROLL02) FLAGGED 8100507N2F1W87E18VSX5G1 LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR =+15 DEG., RUDDER =0



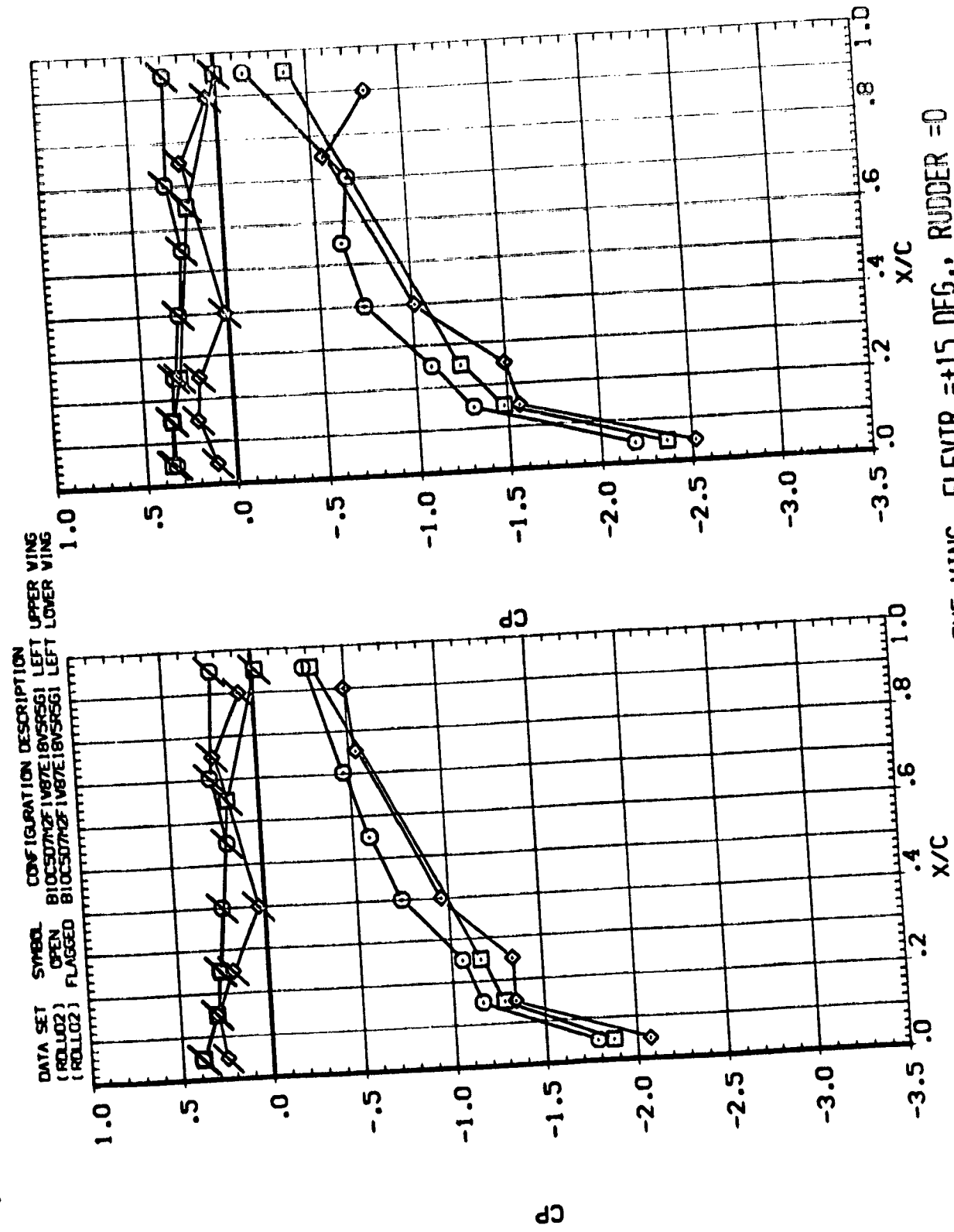
SYMBOL  
 ○ □ ◇

Y/B  
 .673  
 .780  
 .887

ALPHA  
 5.080  
 8.110

BETA  
 .000

PARAMETRIC VALUES  
 ELEVTR 15.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

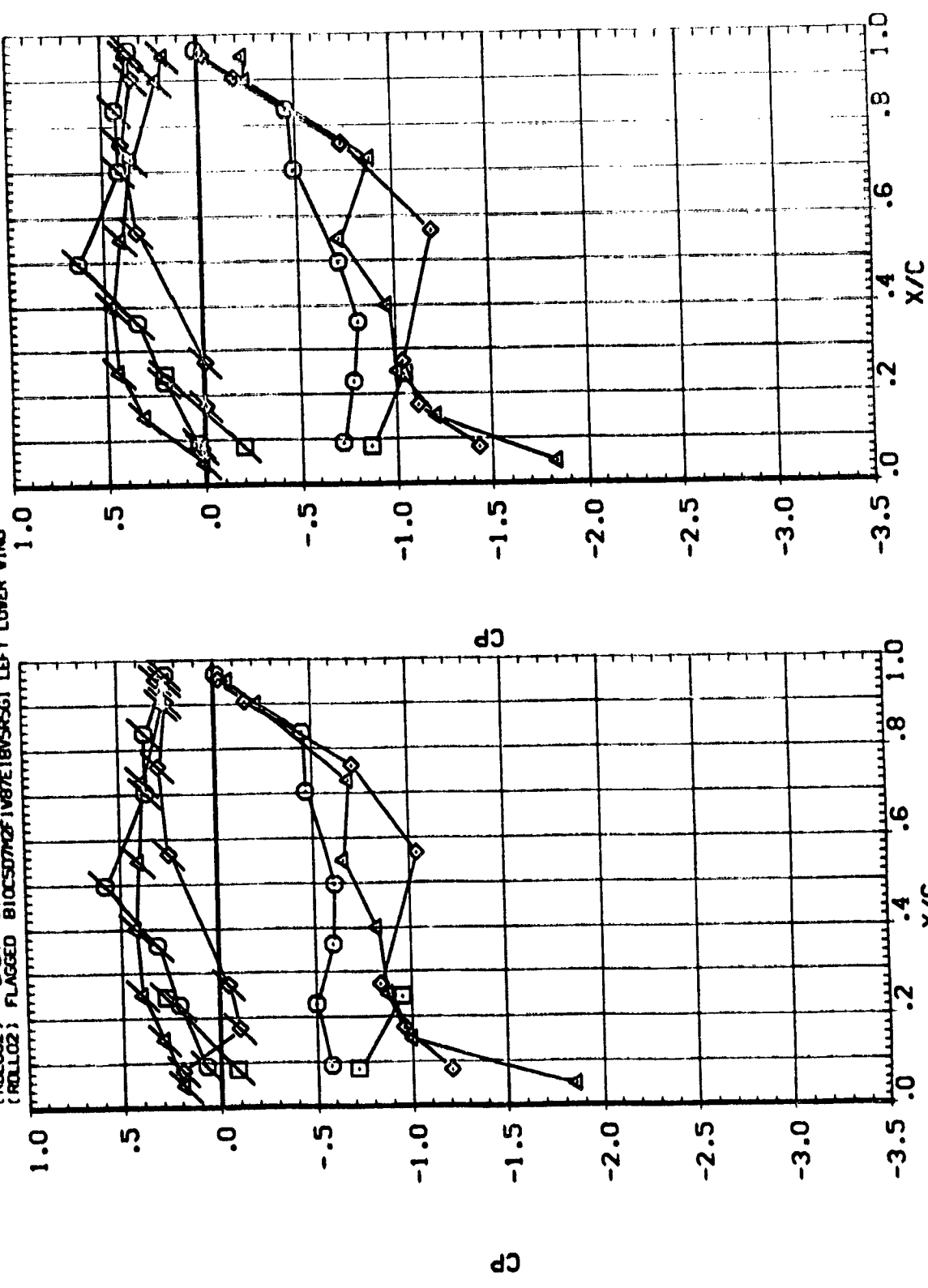


PARAMETRIC VALUES  
 ELEVTR 15.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

ALPHA BETA  
 10.120 .000  
 12.200

SYMBOL Y/B  
 .799  
 .364  
 .427  
 .534

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL02) OPEN BI0C50702F187E18V5F5G1 LEFT UPPER VING  
 (ROLL02) FLAGGED BI0C50702F187E18V5F5G1 LEFT LOWER VING



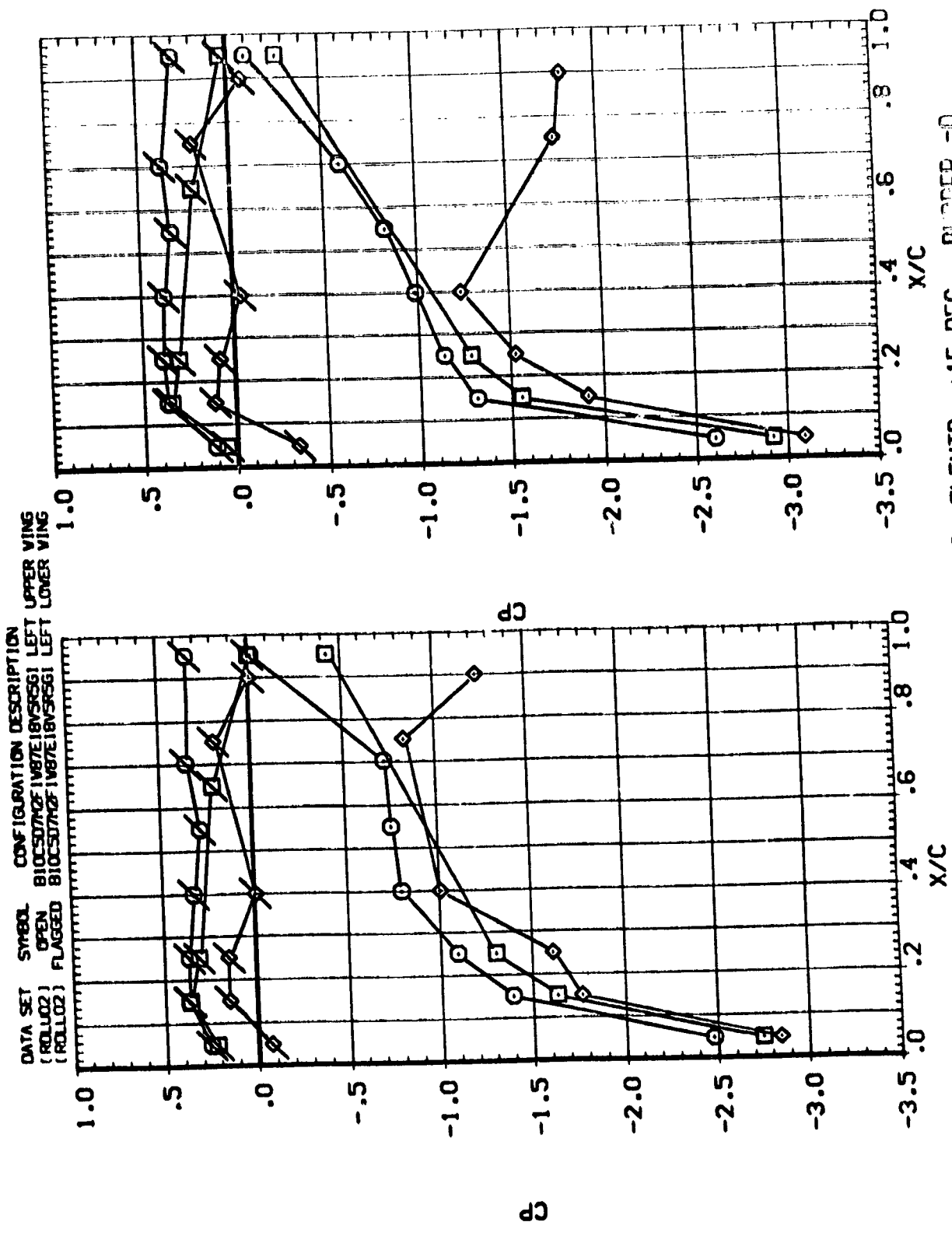
CHORDWISE PRESSURE DISTRIBUTION ON THE WING. ELEVTR =+15 DEG., RUDDER =0  
 PAGE 479



SYMBOL Y/B  
□ .673  
□ .780  
◇ .887

ALPHA BETA  
10.120 .000  
12.200

PARAMETRIC VALUES  
ELEVTR 15.000 RUDDER .000  
RUOFLR 40.000 FLAP -18.000



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR =+15 DEG., RUDDER =0

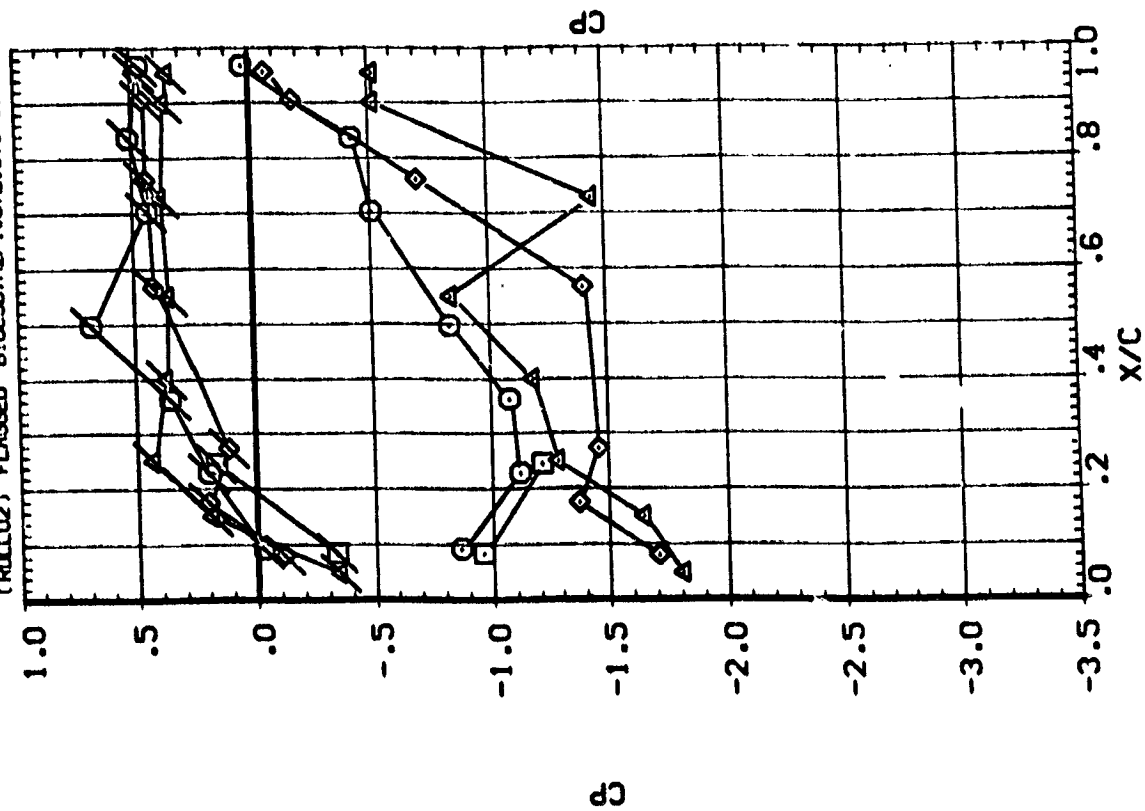
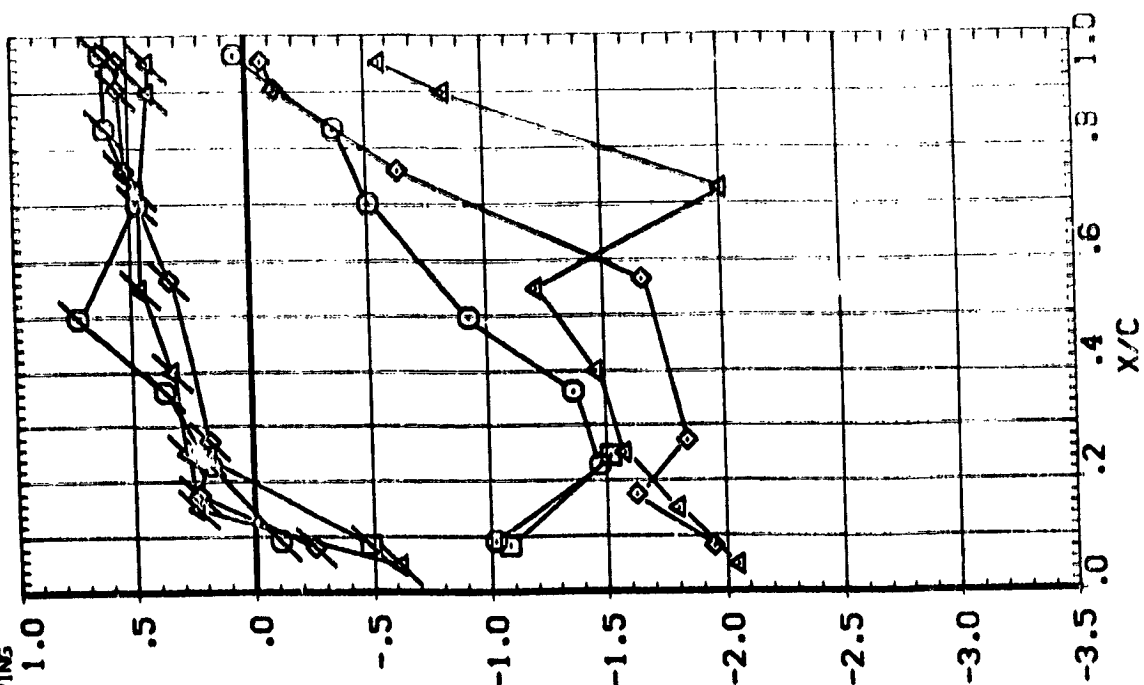


PARAMETRIC VALUES  
 ELEVTR 15.000 RUDDER .300  
 RUDDFLR 40.000 FLAP -19.000

ALPHA BETA  
 14.240 .000  
 16.230

Y/B  
 .299  
 .364  
 .427  
 .534

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL02) OPEN 810C50742F1W67E18VS5G1 UPPER WING  
 (ROLL02) FLAGGED 810C50742F1W67E18VS5G1 LEFT LOWER WING



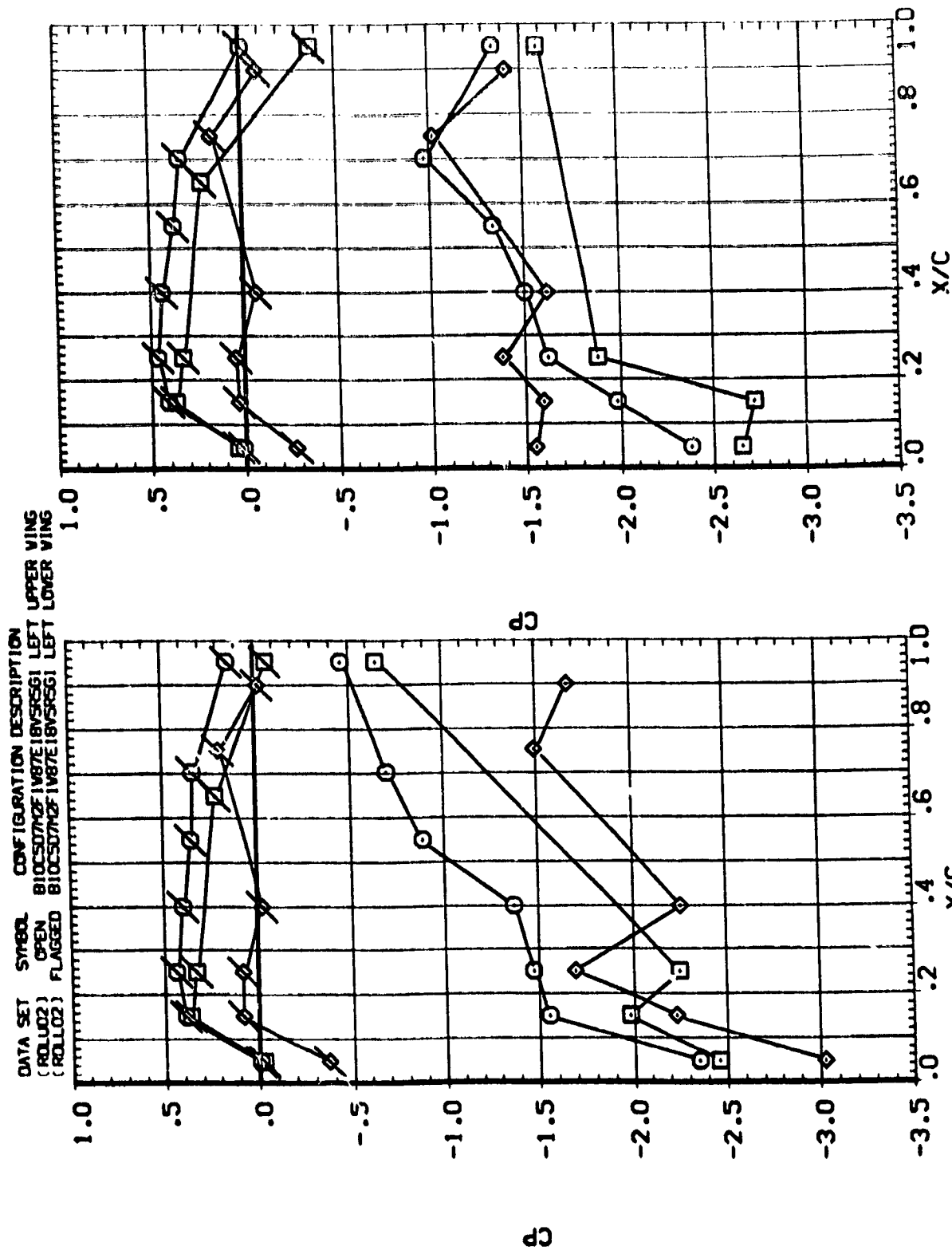
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = 15 DEG., RUDDER = 0



SYMBOL Y/B  
 ○ .573  
 □ .780  
 ◇ .887

ALPHA 14.240  
 BETA .000

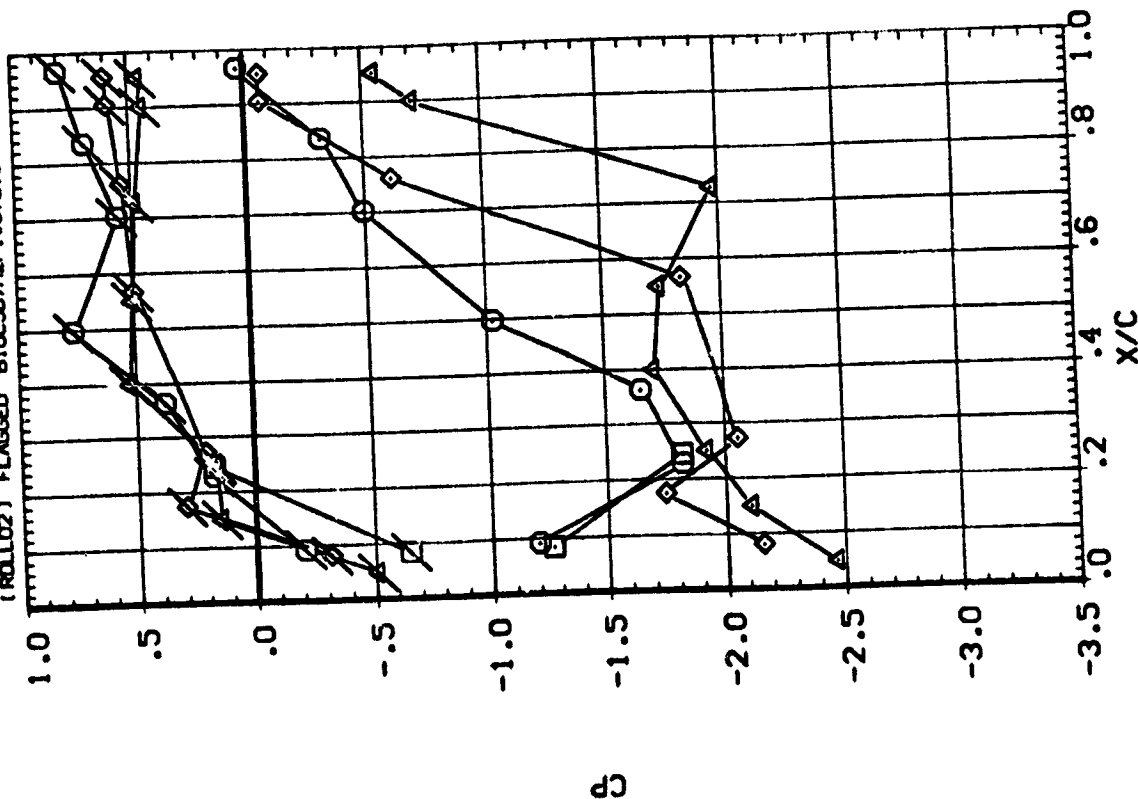
PARAMETRIC VALUES  
 ELEVTR 15.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



PARAMETRIC VALUES  
 15.000 RUDDER .000  
 40.000 FLAP -19.000

SYMBOL Y/B ALPHA BETA  
 .299  
 .364  
 .427  
 .534

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLLO2) OPEN B10CSD7M2F1V87E18VSRSG1 LEFT UPPER WING  
 (ROLLO2) FLAGGED B10CSD7M2F1V87E18VSRSG1 LEFT LOWER WING

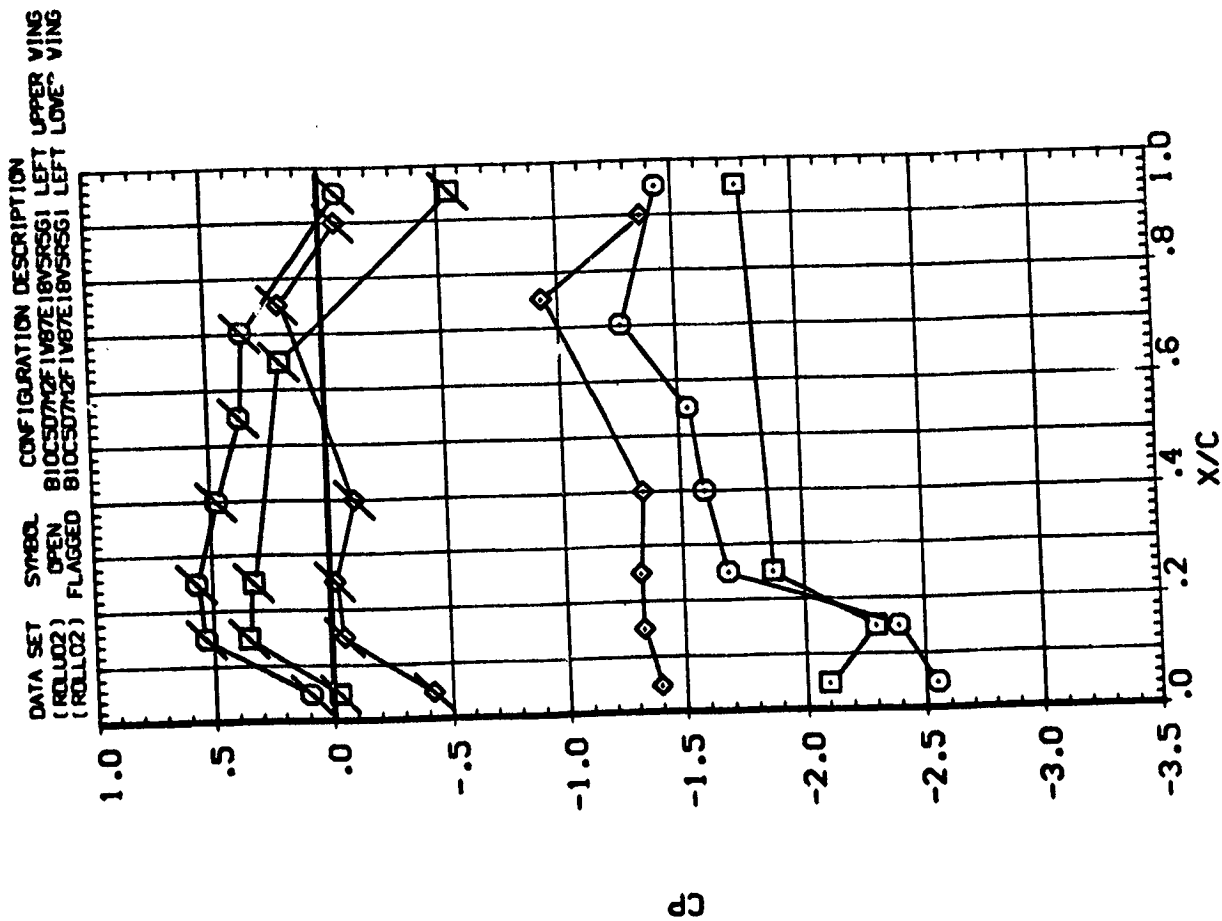


CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = +15 DEG., RUDDER = 0



SYMBOL Y/B ALPHA BETA  
 .673 18.300 .000  
 .780  
 .887

PARAMETRIC VALUES  
 15.000 RUDDER .000  
 40.000 FLAP -18.000  
 ELEVTR  
 RUOFLR



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR =+15 DEG., RUDDER =0

PARAMETRIC VALUES

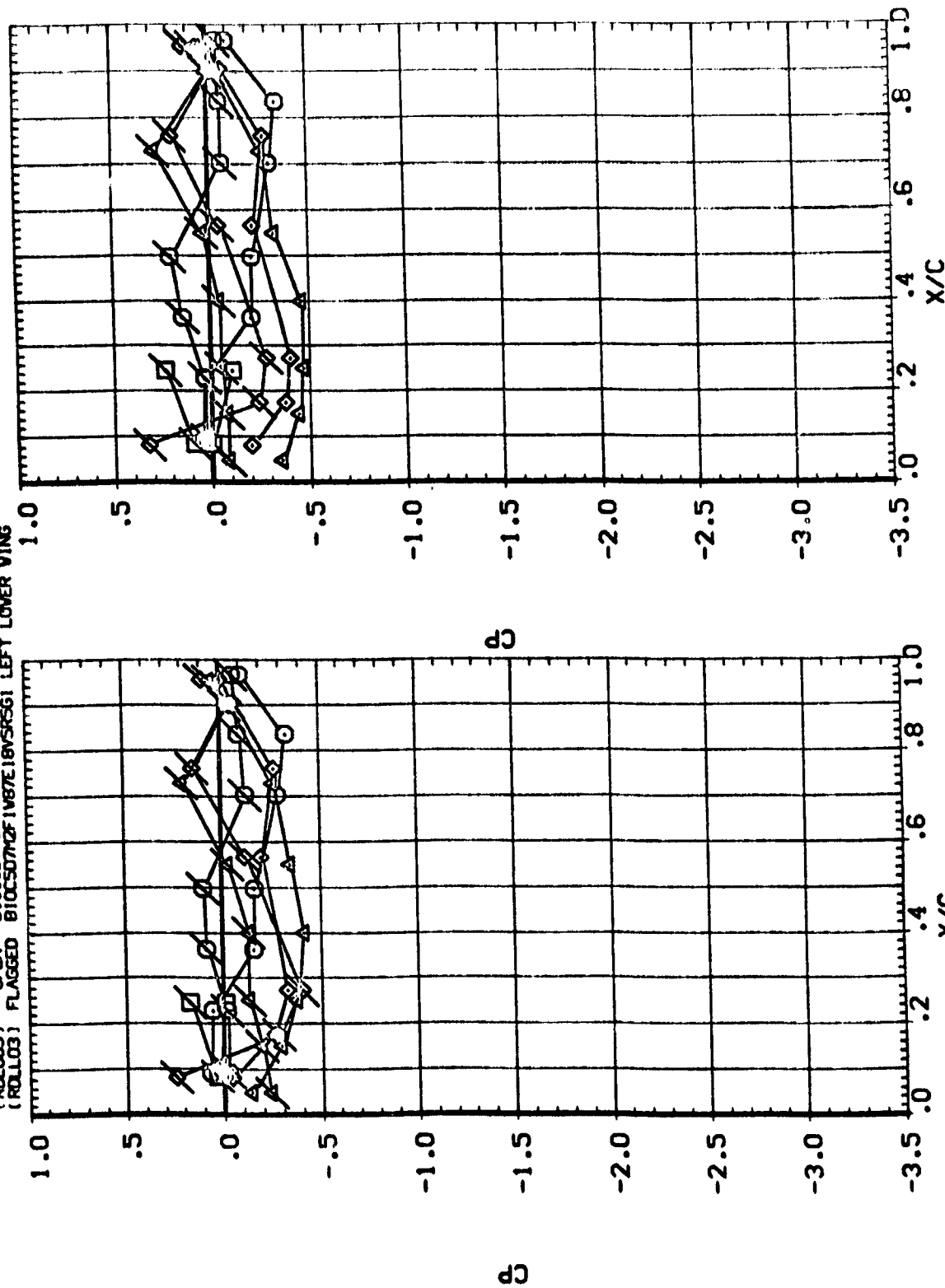
ELEVTR	RUDDER	FLAP
10.000	.000	
40.000		-18.000

SYMBOL Y/B ALPHA BETA

○	.299	-3.040	.000
□	.364	-1.000	
◇	.427		
△	.534		

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ROLL3)	SYMBOL	CONFIGURATION DESCRIPTION
810C507MZF1V87E18V5K5G1	LEFT UPPER VING	
810C507MZF1V87E18V5K5G1	LEFT LOWER VING	



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR =+10 DEG., RUDDER =0



SYMBOL  $\gamma/\beta$

○ .673

□ .780

◇ .887

ALPHA  $\beta$

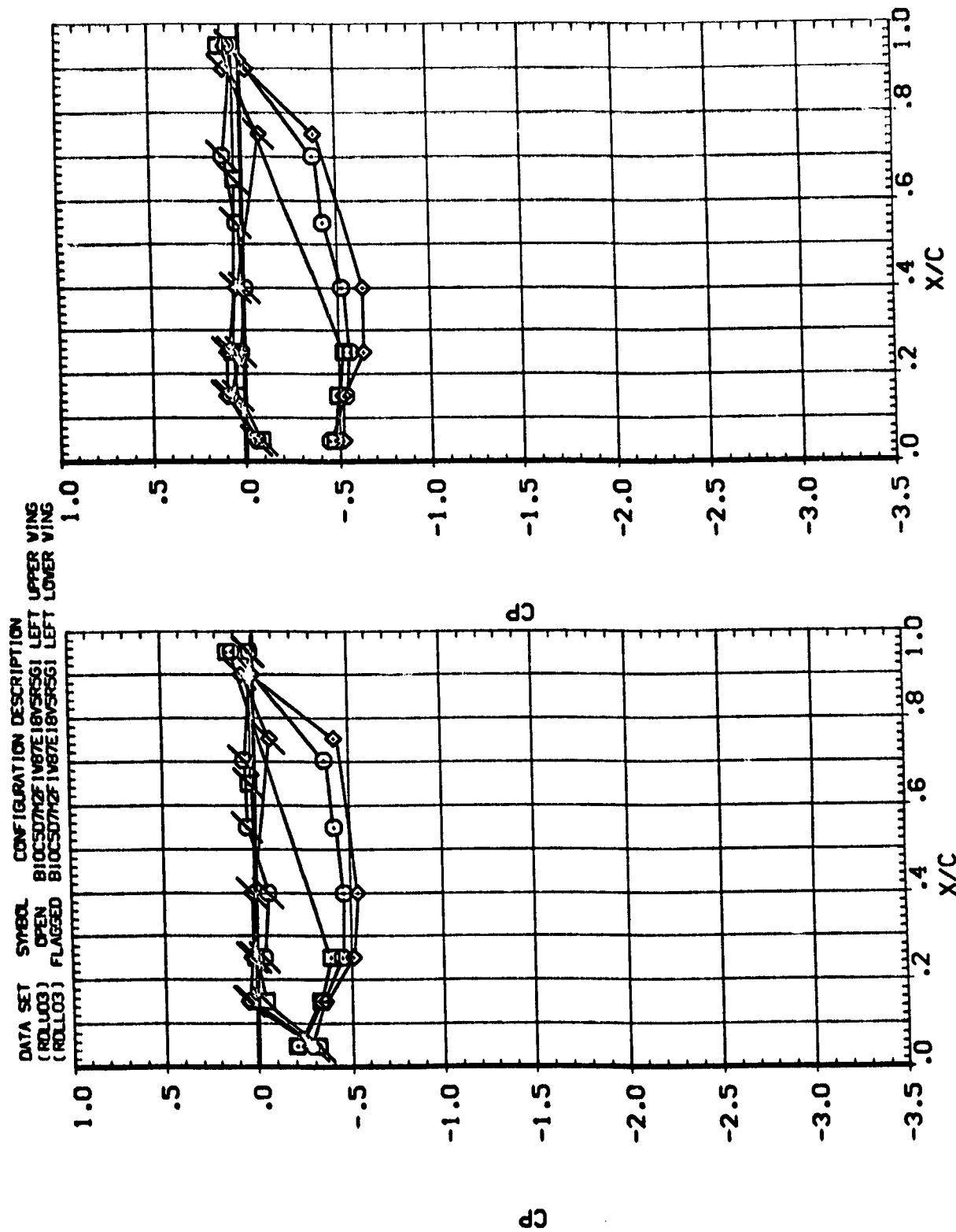
-3.040 .000

-1.000

PARAMETRIC VALUES

ELEVTR 10.000 RUDDER .000

RUOFLR 40.000 FLAP -18.000



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR =+10 DEG., RUDDER =0

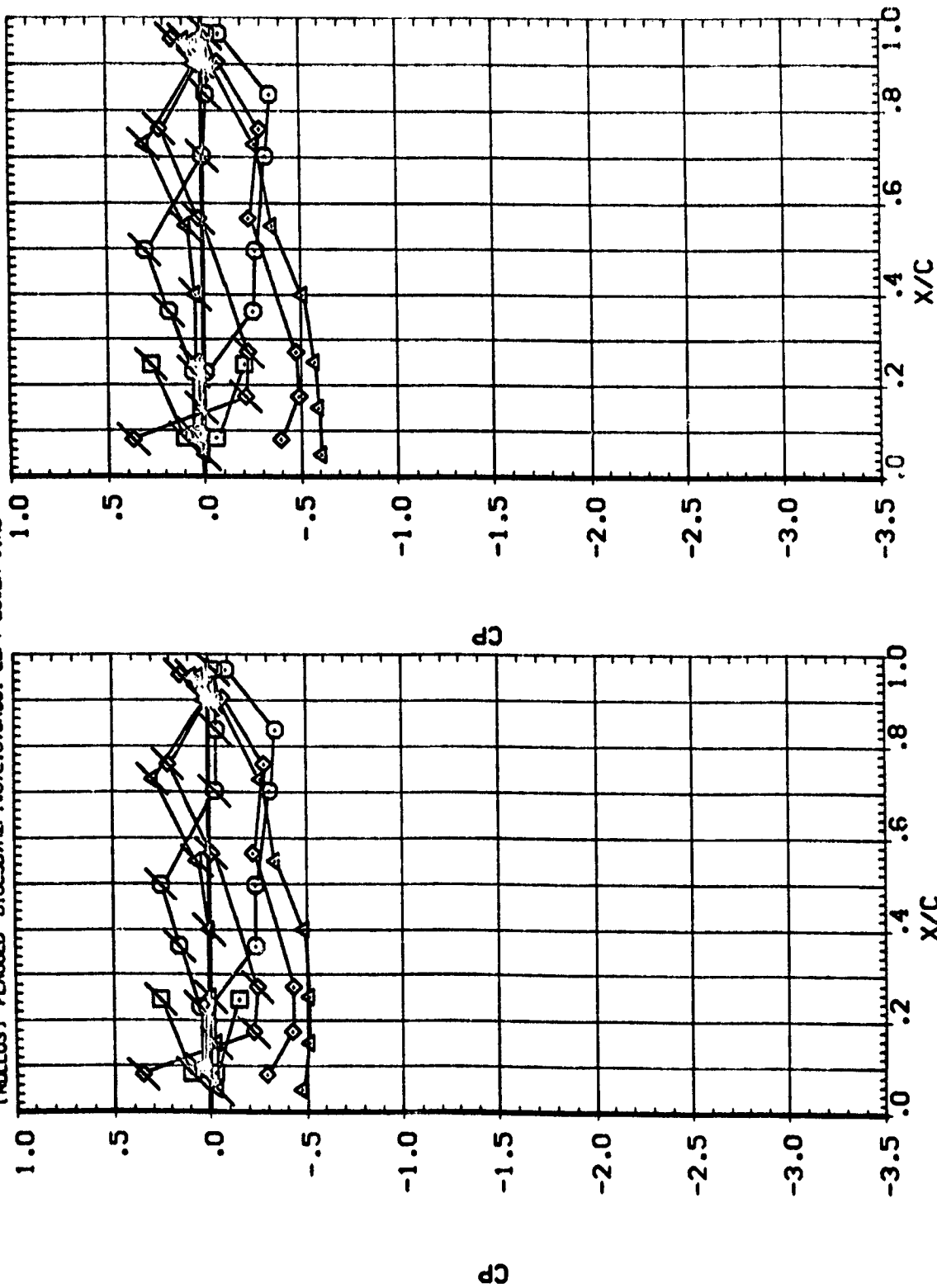
PARAMETRIC VALUES

ELEVTR	RUDDER	F <sub>AP</sub>
10.000	.000	
40.000	-18.000	

SYMBOL Y/B ALPHA BETA

○	.299	.010	.000
□	.364	.990	
◇	.427		
△	.534		

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL03) OPEN 810C507M2F1V87E18V5R5G1 LEFT UPPER VING  
 (ROLL03) FLAGGED 810C507M2F1V87E18V5R5G1 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR =+10 DEG., RUDDER =0



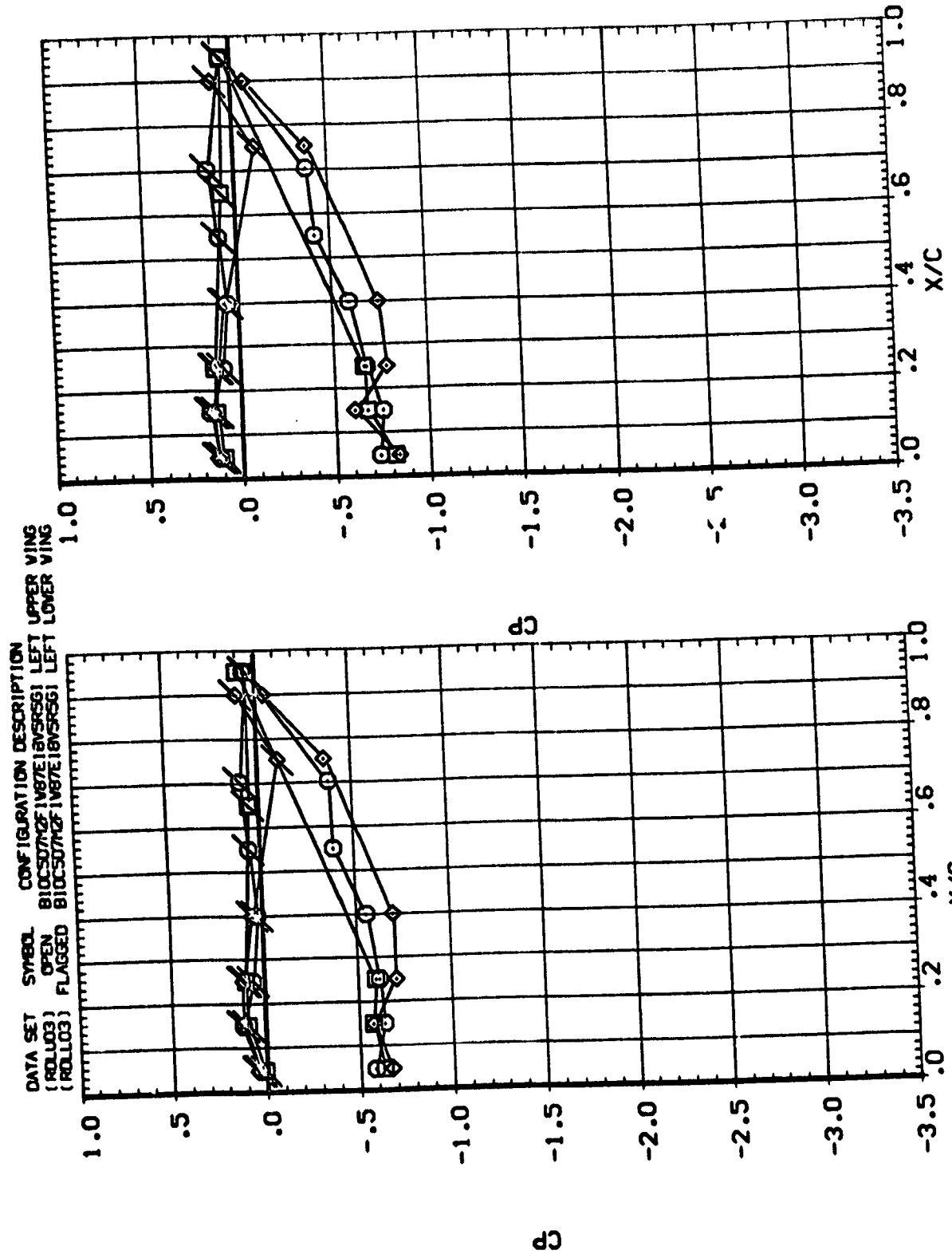
SYMBOL  
 ○ □ ◇

Y/B  
 .673  
 .780  
 .887

ALPHA  
 .010  
 .990

BETA  
 .000

PARAMETRIC VALUES  
 ELEVTR 10.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

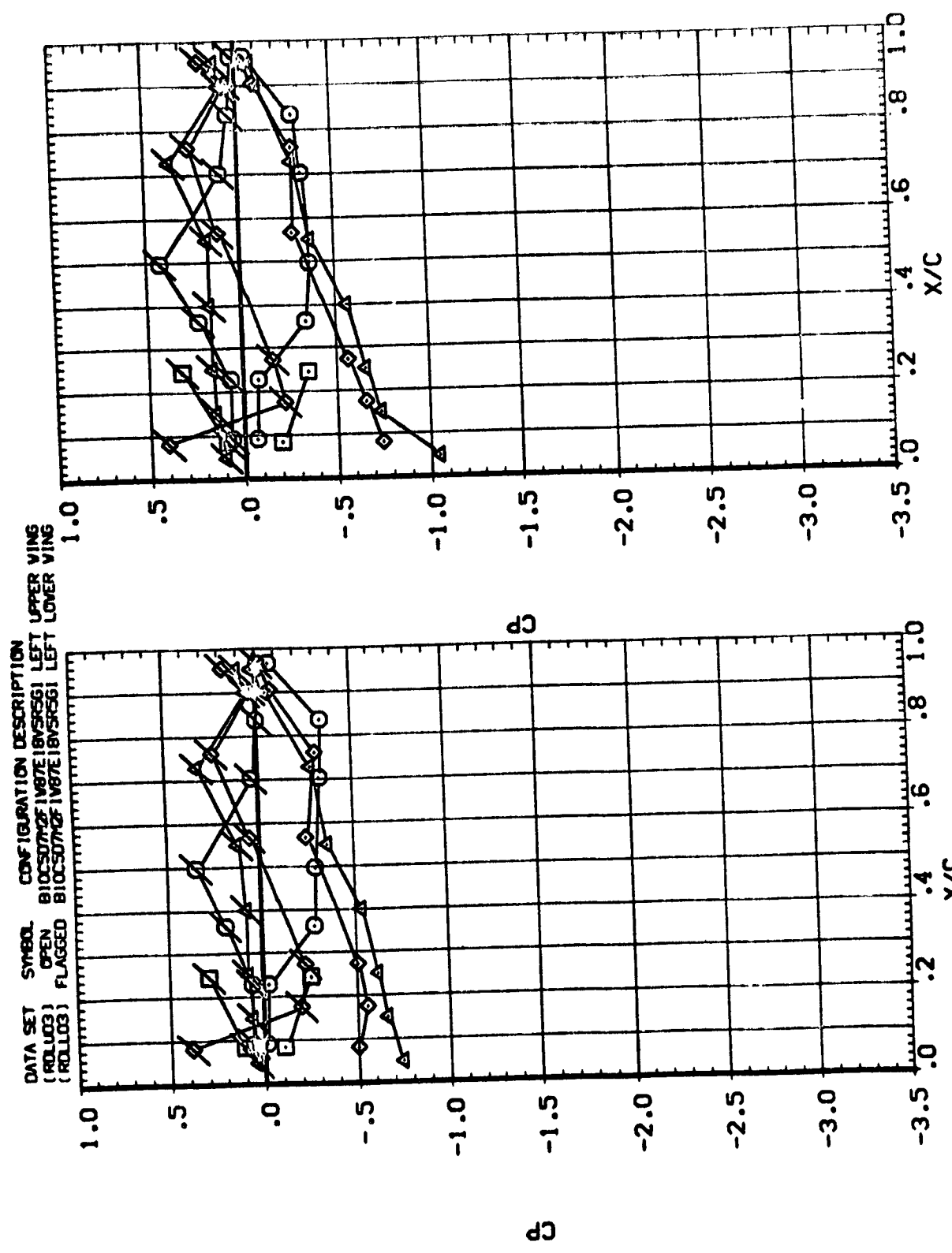


CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR =+1C DEG., RUDDER =0  
 PAGE 487



PARAMETRIC VALUES  
 ELEVTR 10.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

SYMBOL Y/B ALPHA BETA  
 ○ .299 2.030 .000  
 □ .364 4.030  
 ◇ .427  
 △ .534



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR =+10 DEG., RUDDER =0



SYMBOL  
 ○ □ ◇

Y/B  
 .673  
 .780  
 .887

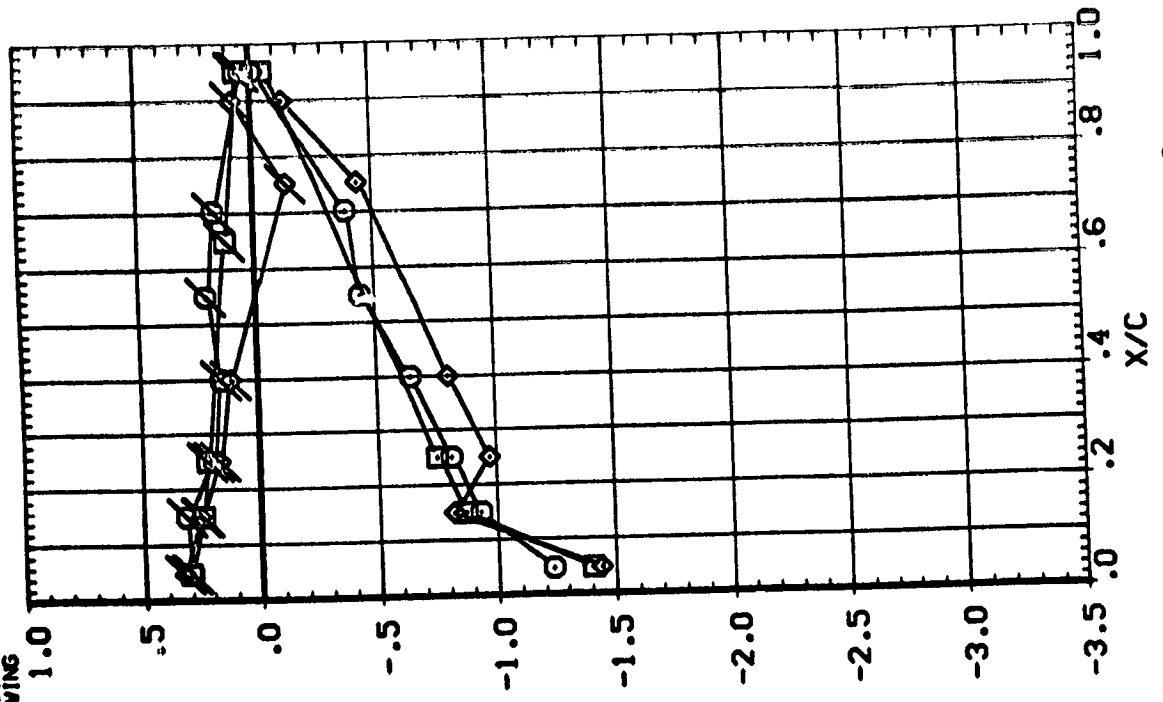
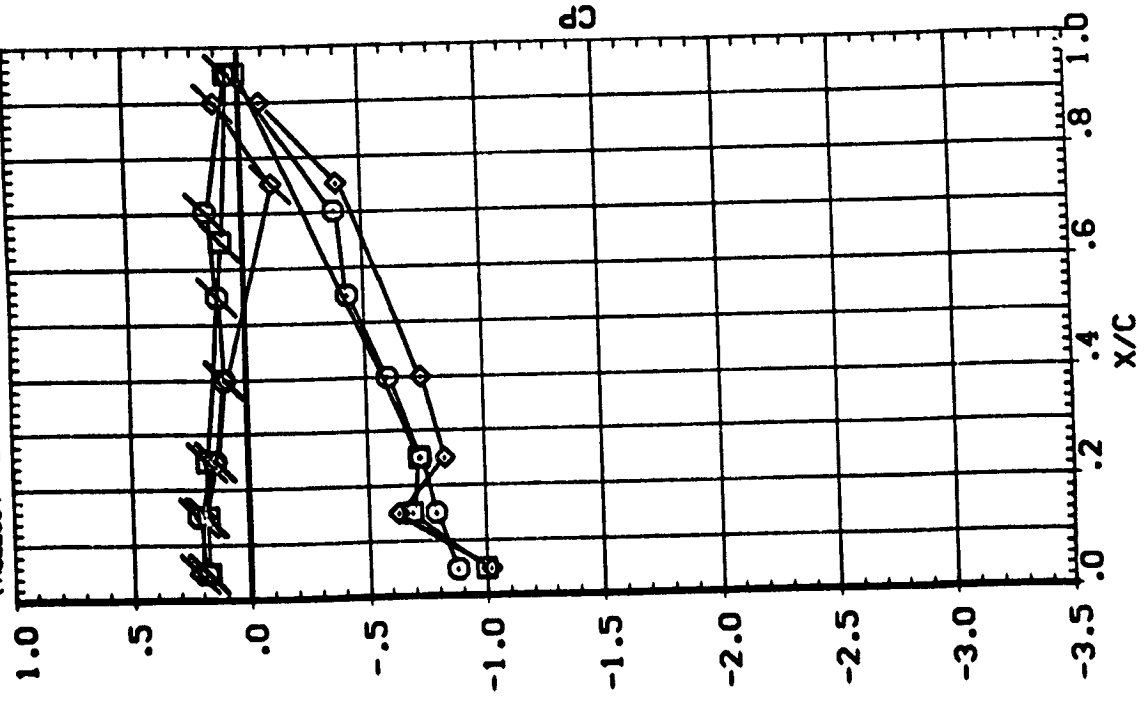
ALPHA  
 2.030  
 4.030

BETA  
 .000

ELEVTR  
 RUOFUR

PARAMETRIC VALUES  
 10.000 RUDDER  
 40.000 FLAP  
 .000  
 -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL03) OPEN B10C5D7MCF1V87E18V5R5G1 LEFT UPPER VING  
 (ROLL03) FLAGGED B10C5D7MCF1V87E18V5R5G1 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR =+10 DEG., RUDDER =0

PARAMETRIC VALUES

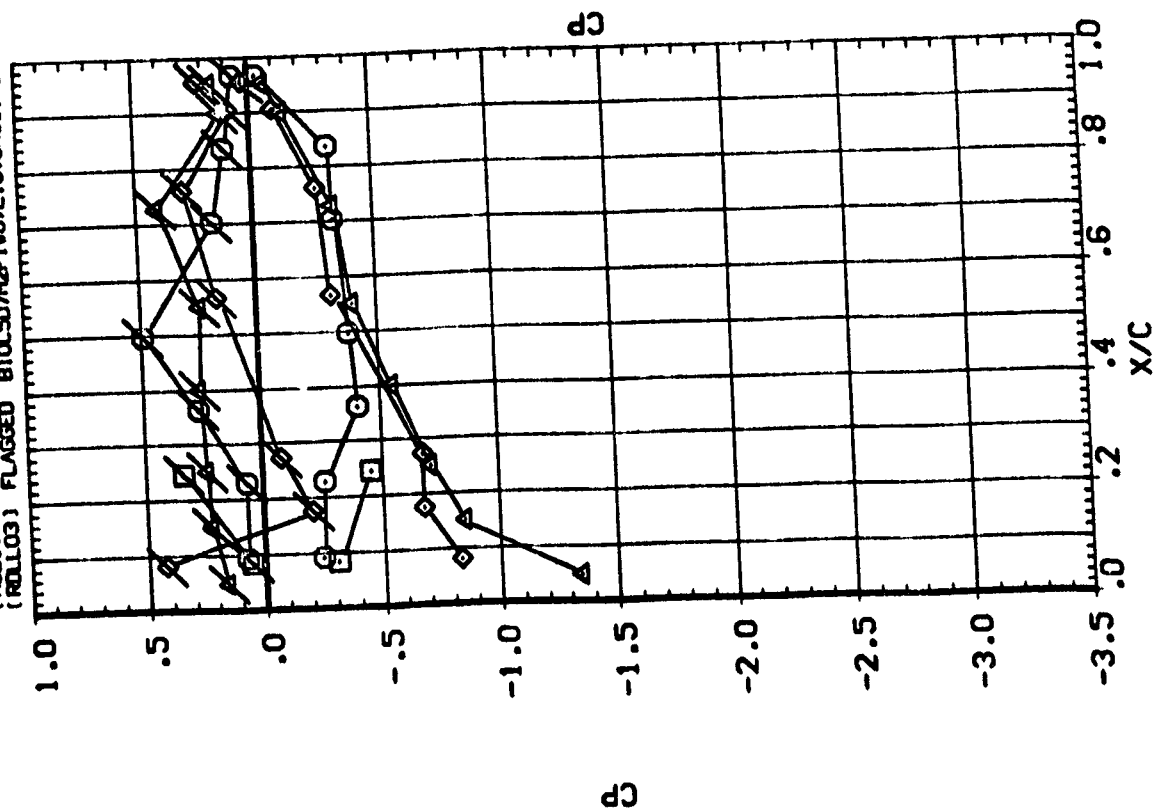
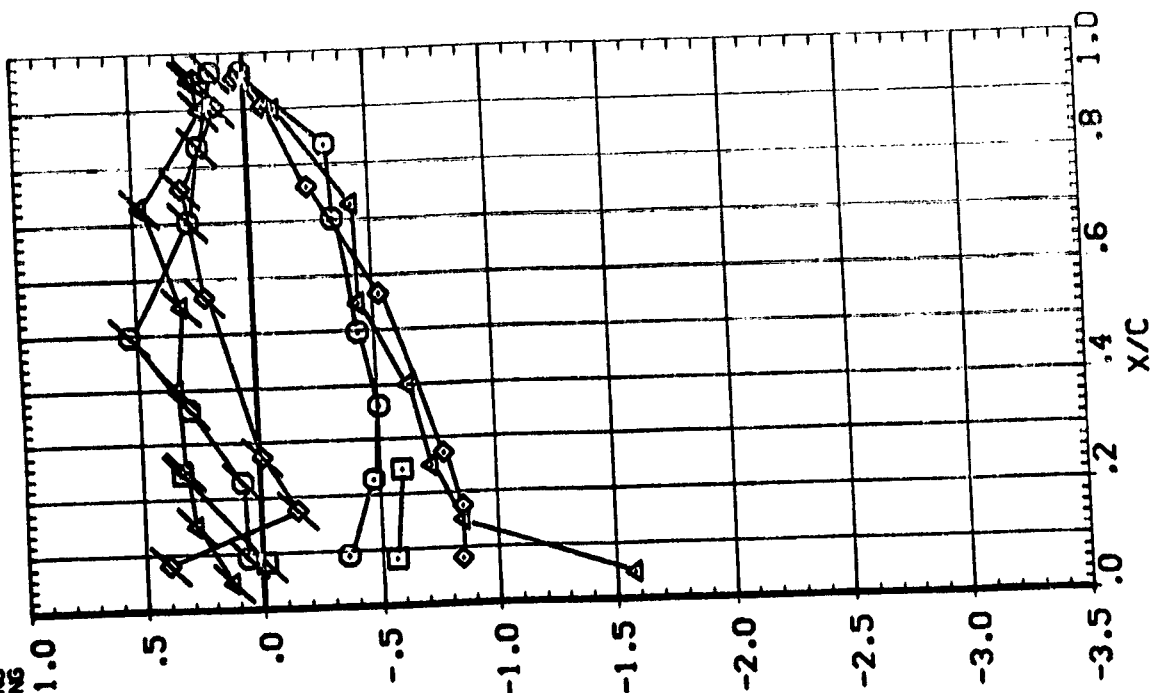
ELEVTR	10.000	RUDER	.000
RUDFLR	40.000	FLAP	-18.000

SYMBOL Y/B ALPHA BETA

○	.299	6.080	.000
□	.364	8.110	
◇	.427		
△	.534		

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ROLL03)	OPEN	B10C507N2F1V87E18VS95G1	LEFT UPPER WING
(ROLL03)	FLAGGED	B10C507N2F1V87E18VS95G1	LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = +10 DEG., RUDER = 0



SYMBOL  $\gamma/\delta$

○ .673

□ .780

◇ .887

ALPHA BETA

6.080 .000

8.110

PARAMETRIC VALUES

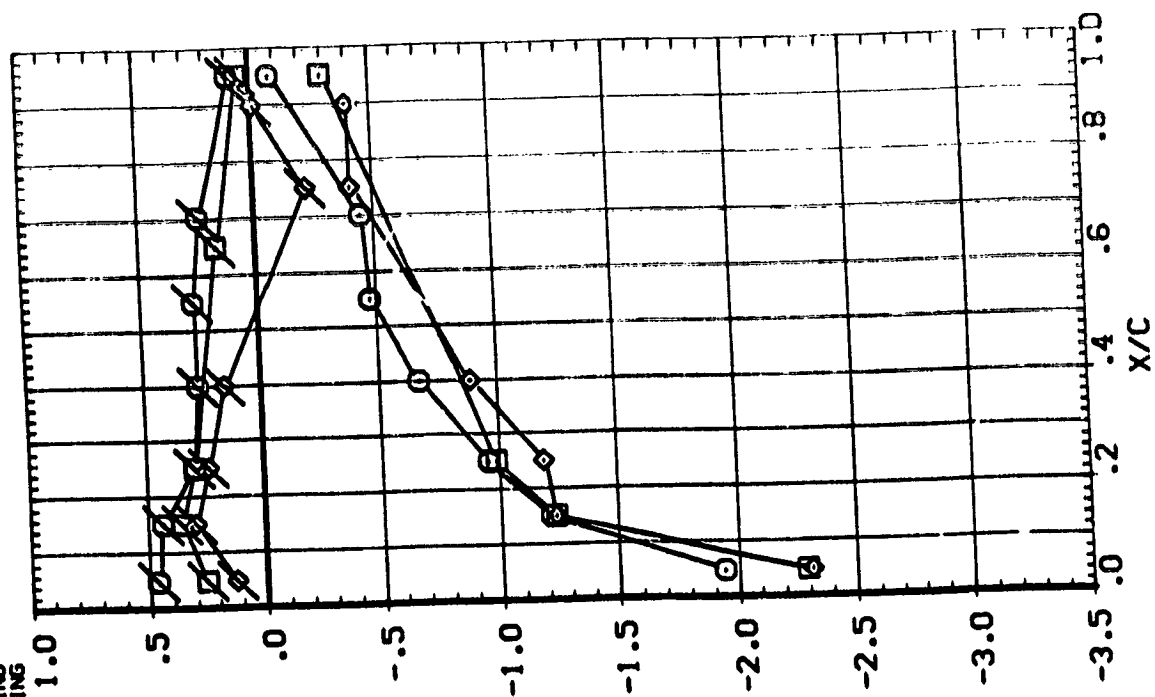
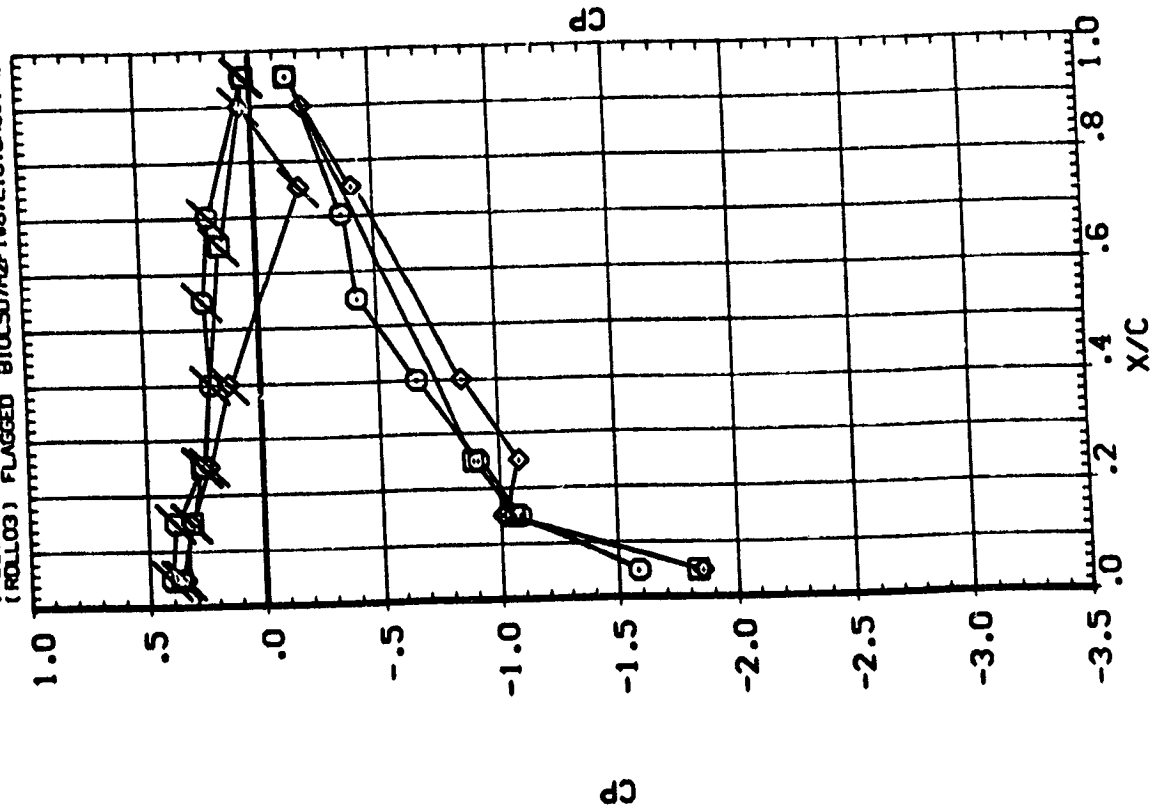
ELEVTR 10.000 RUDDER .000

RUOFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ROLL03) OPEN 810C507A2F1V87E18V5R5G1 LEFT UPPER VING

(ROLL03) FLAGGED 810C507A2F1V87E18V5R5G1 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR =+10 DEG., RUDDER =0

PARAMETRIC VALUES

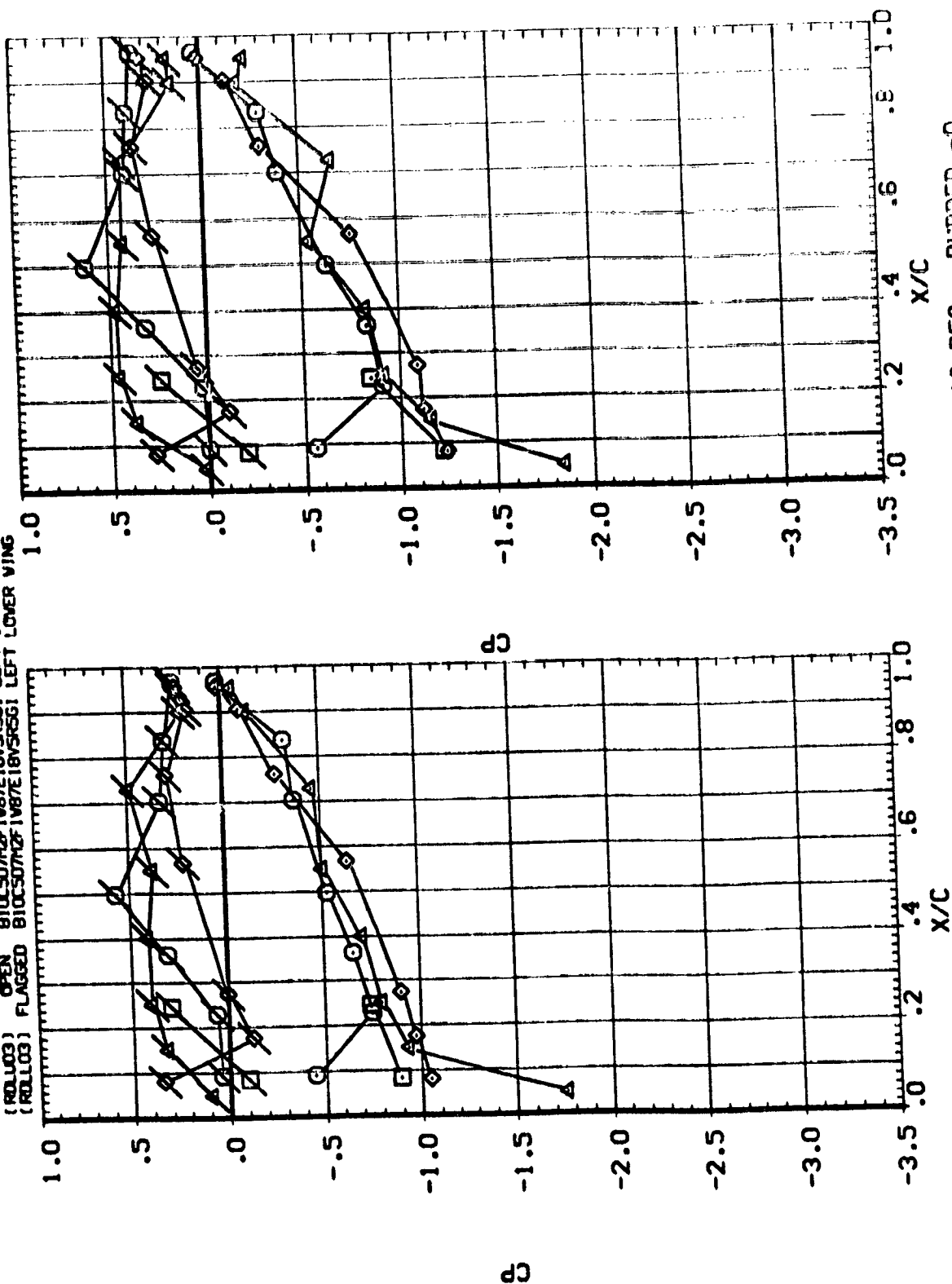
ELEVTR	RUDDER	FLAP
10.000	.000	
40.000	-18.000	

SYMBOL

Y/B	ALPHA	BETA
.299	10.120	.000
.364	12.200	
.427		
.534		

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ROLL)	(ROLL)	(ROLL)	(ROLL)	(ROLL)
8100507	8100507	8100507	8100507	8100507
8100507	8100507	8100507	8100507	8100507
8100507	8100507	8100507	8100507	8100507
8100507	8100507	8100507	8100507	8100507



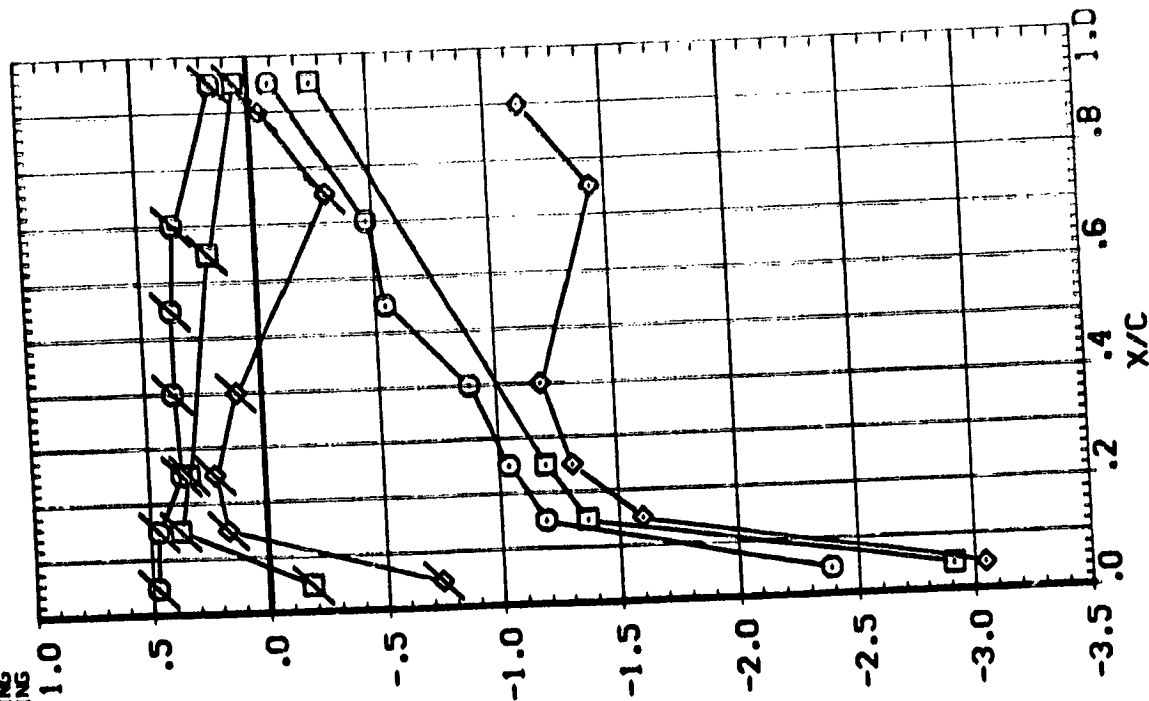
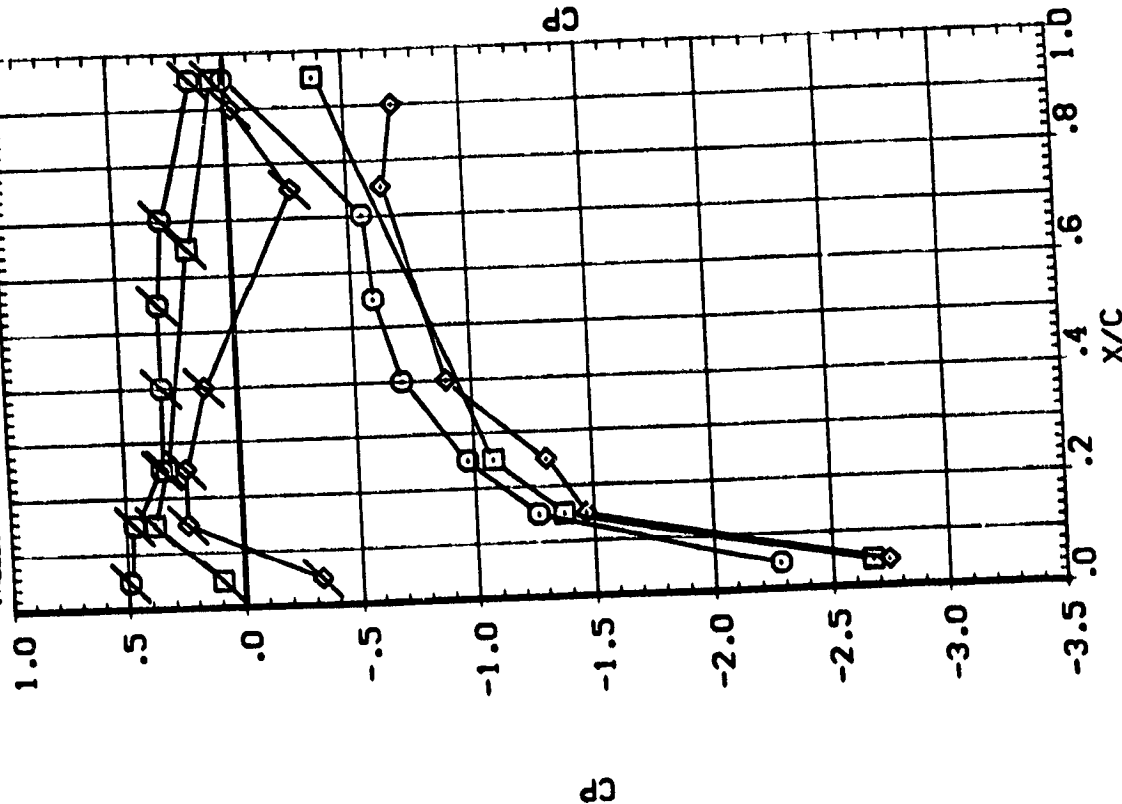
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = +10 DEG., RUDDER = 0



SYMBOL  $\gamma/\delta$  .673  
 O .780  
 □ .887

ALPHA BETA .000  
 10.120  
 12.200

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL) OPEN B10C5D7MZF1B87E1BVS5G1 UPPER WING  
 (ROLL) FLAGGED B10C5D7MZF1B87E1BVS5G1 LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = +10 DEG., RUDDER = 0



SYMBOL  
 ○ □ ◇ △

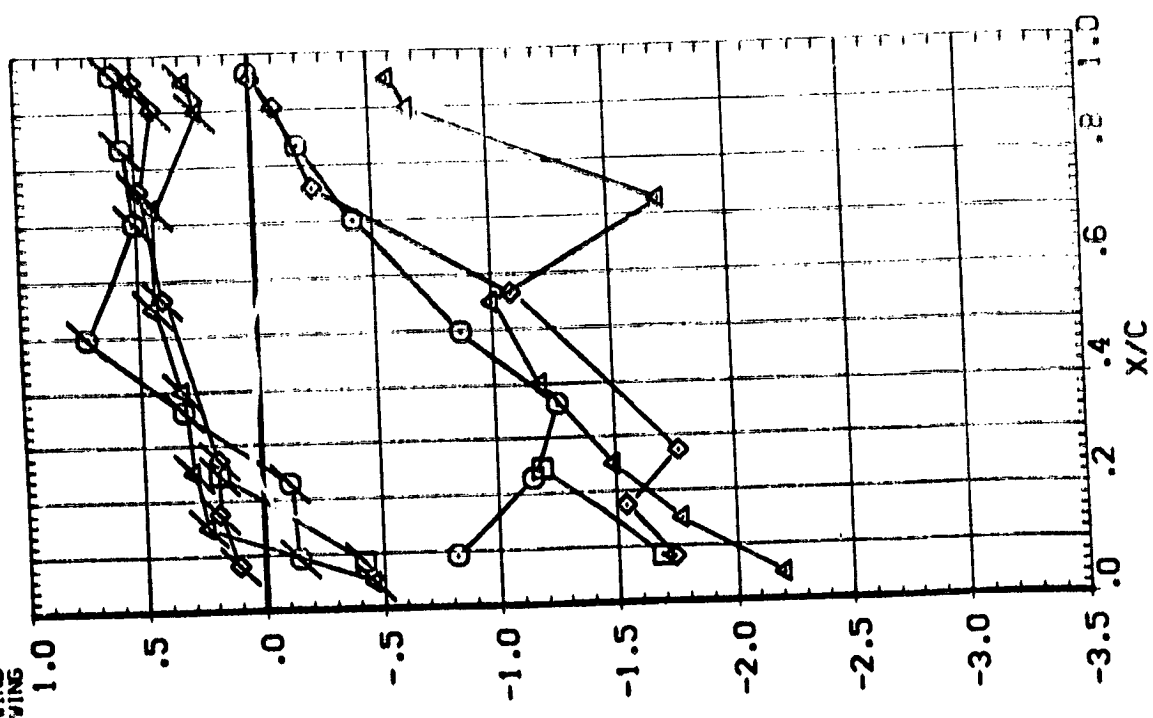
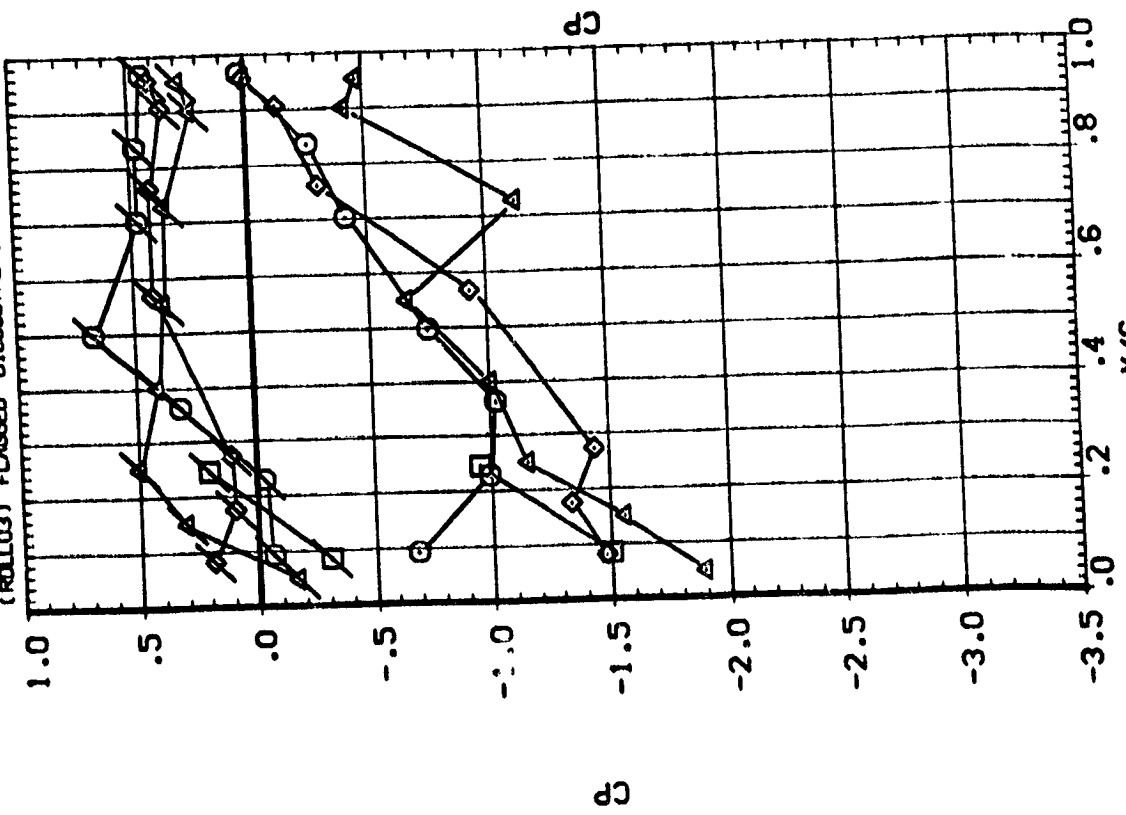
Y/B  
 .299  
 .364  
 .427  
 .534

ALPHA  
 14.240  
 16.230

BETA  
 .000

PARAMETRIC VALUES  
 ELEVTR 10.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL03) OPEN 810C507M2F1V87E18VSR5G1 UPPER WING  
 (ROLL03) FLAGGED 810C507M2F1V87E18VSR5G1 LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR =+10 DEG., RUDDER =0  
 PAGE 494

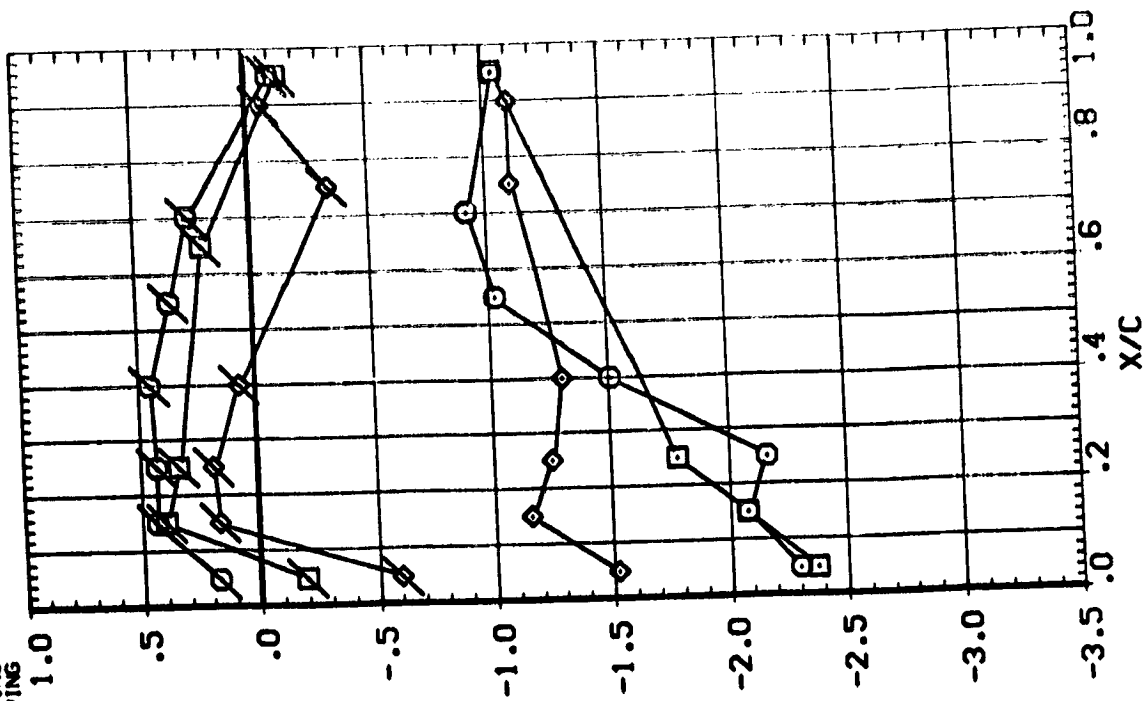
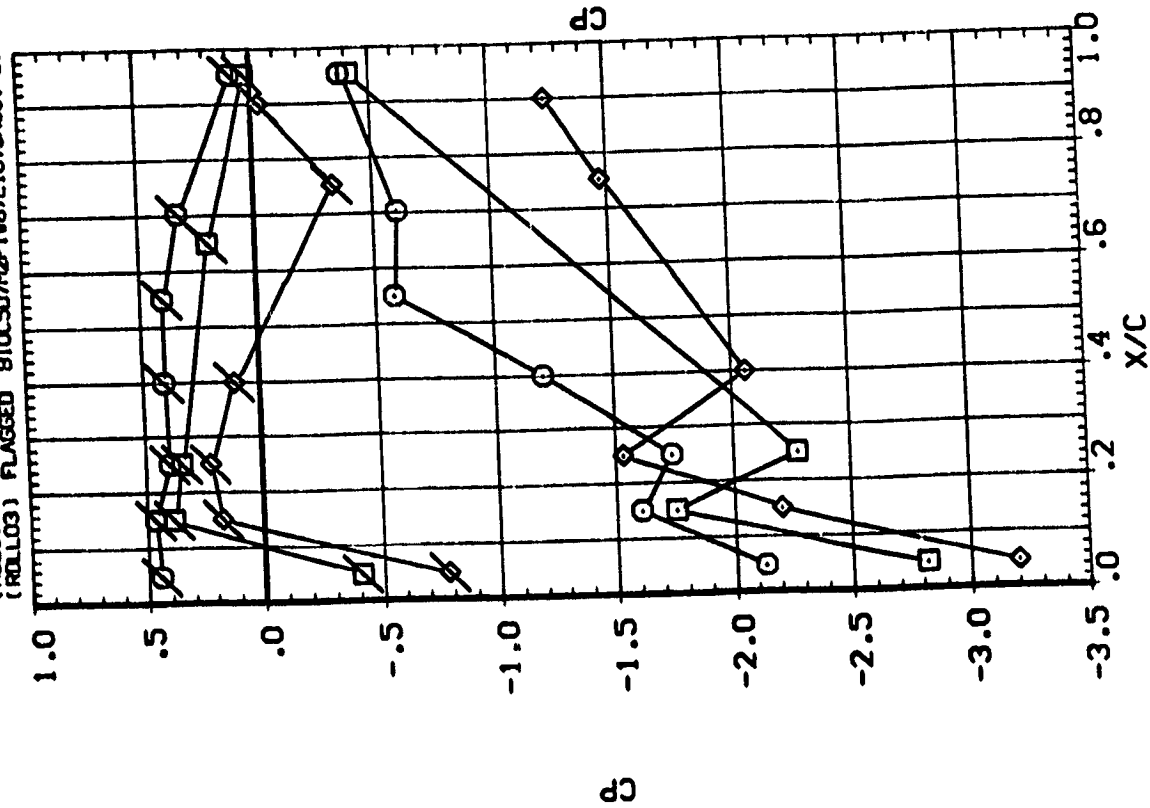


SYMBOL Y/B  
 .573  
 .780  
 .887

ALPHA BETA  
 14.240 .000  
 16.230

PARAMETRIC VALUES  
 ELEVTR 10.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL03) OPEN 810C507MZF1V87E18VSRS61 LEFT UPPER VING  
 (ROLL03) FLAGGED 810C507MZF1V87E18VSRS61 LEFT LOWER VING



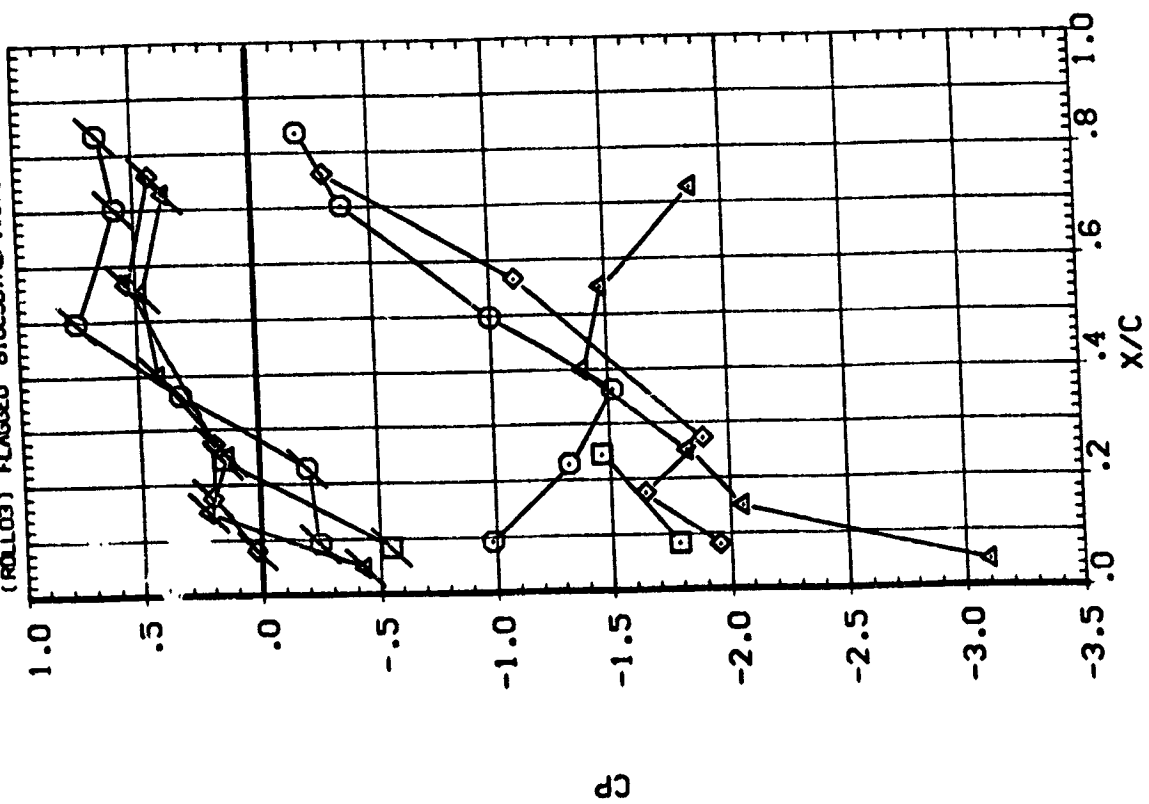
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR =+10 DEG., RUDDER =0



PARAMETRIC VALUES  
 10.000 RUDDER .000  
 40.000 FLAP -18.000  
 ELEVTR  
 RUOFLR

SYMBOL Y/B ALPHA BETA  
 .299 18.300 .000  
 .364  
 .427  
 .534

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL03) OPEN 810C507M2F 1V67E18VSRSG1 LEFT UPPER VING  
 (ROLL03) FLAGGED 810C507M2F 1V67E18VSRSG1 LEFT LOWER VING



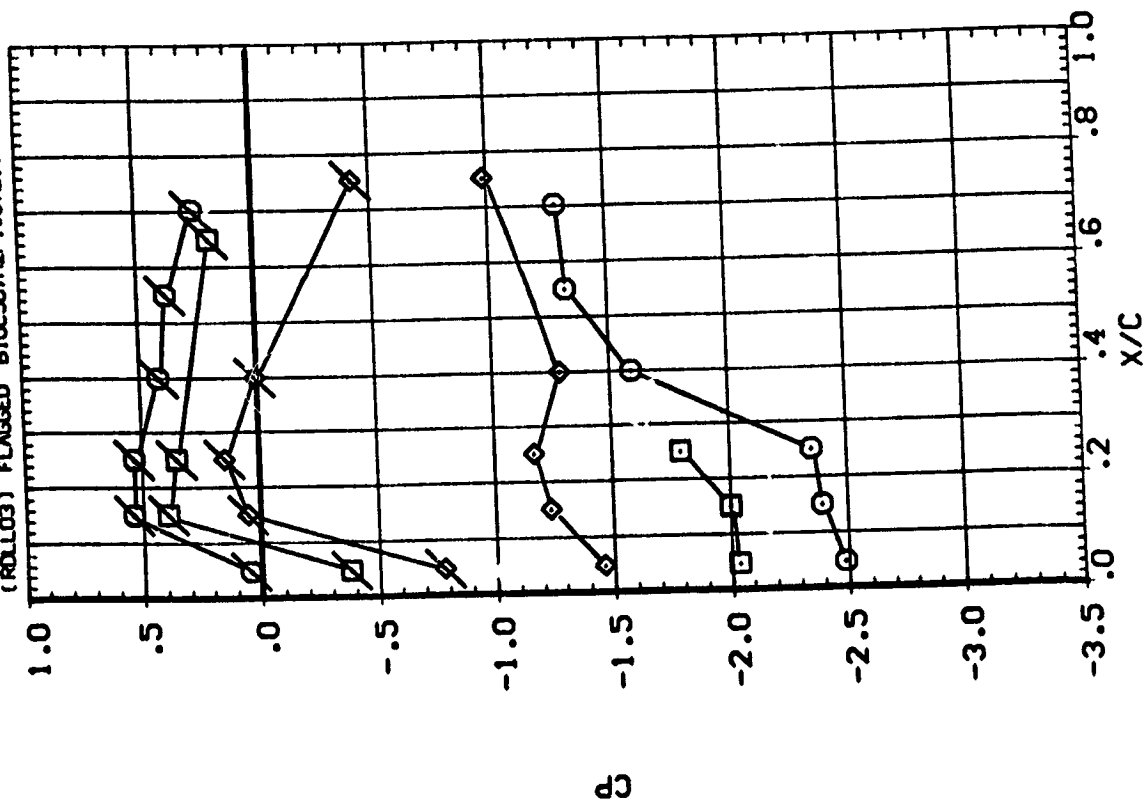
CHORDWISE PRESSURE DISTRIBUTION ON THE WING. ELEVTR =+10 DEG., RUDDER =0  
 PAGE 496



PARAMETRIC VALUES  
 10.000 RUDDER .000  
 40.000 FLAP -18.000

SYMBOL Y/B ALPHA BETA  
 .673  
 .760  
 .887

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL03) OPEN B10C5D7M2F1V87E18V5R5G1 LEFT UPPER VING  
 (ROLL03) FLAGGED B10C5D7M2F1V87E18V5R5G1 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR =+10 DEG., RUDDER =0

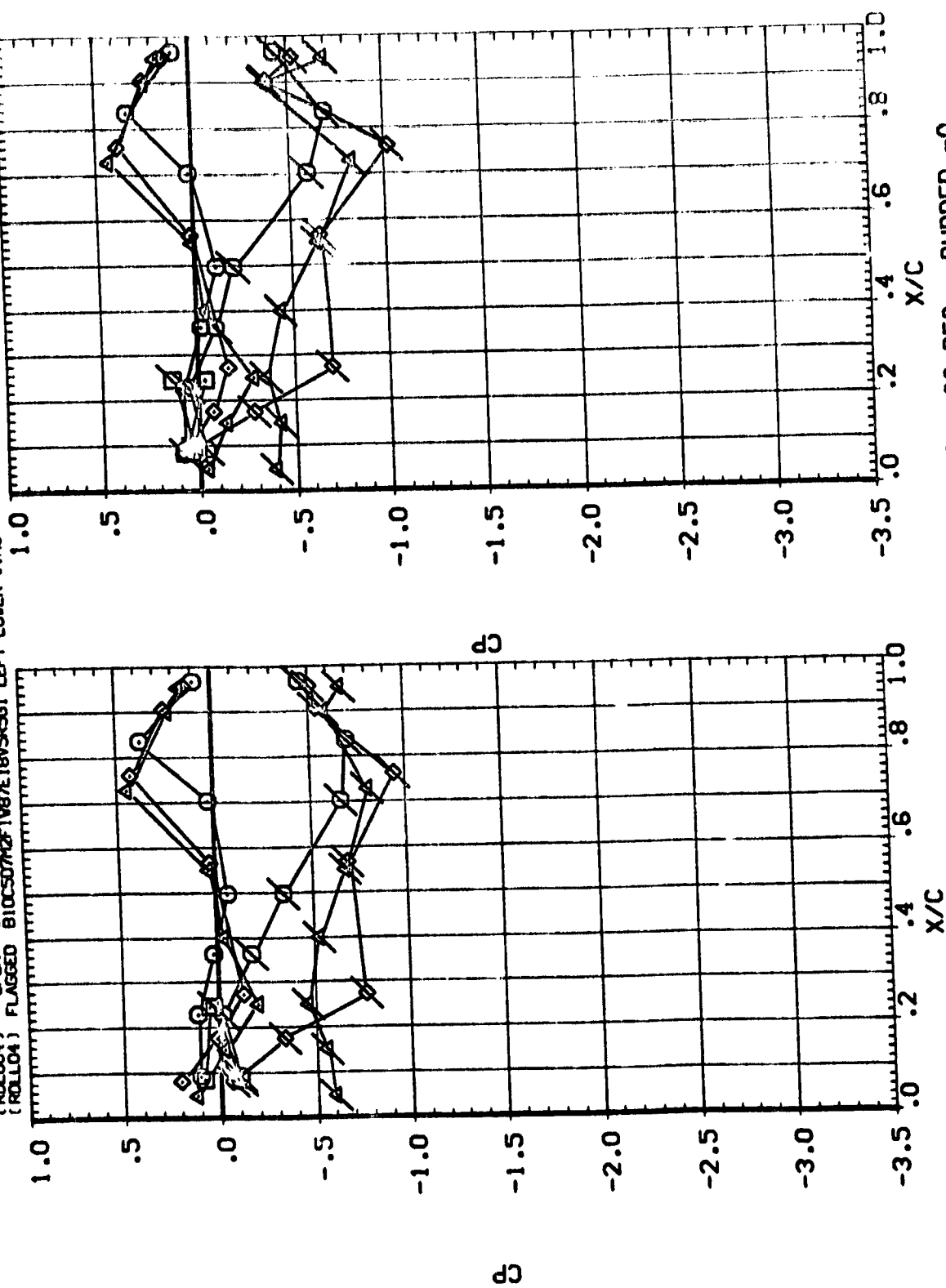


SYMBOL Y/B  
 ○ .299  
 □ .364  
 ◇ .127  
 △ .534

ALPHA -3.000  
 BETA -5.030  
 - .960

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL04) OPEN B10C507M2F1V87E18V5R5G1 LEFT UPPER WING  
 (ROLL04) FLAGGED B10C507M2F1V87E18V5R5G1 LEFT LOWER WING



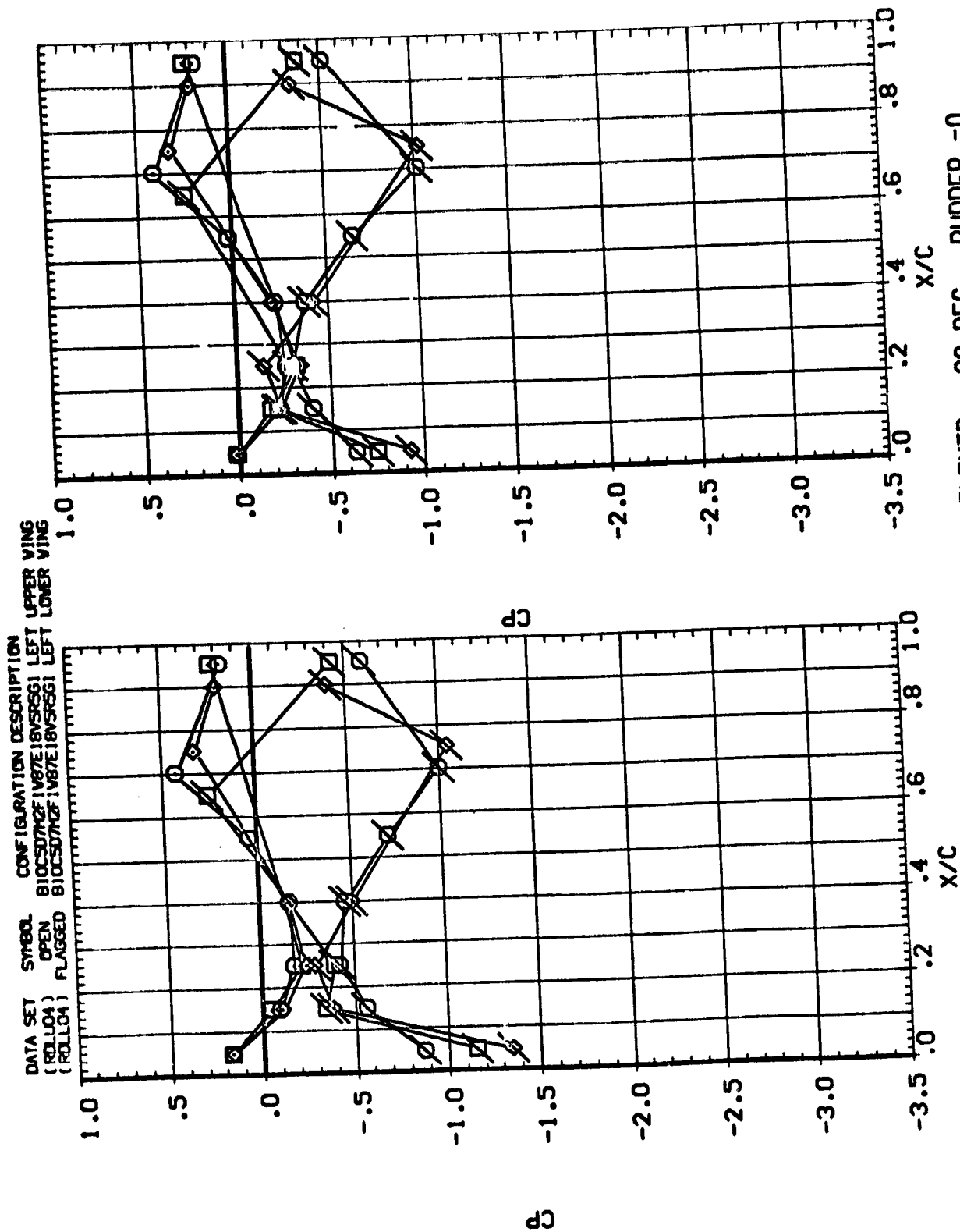
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0



SYMBOL Y/B  
 ○ .673  
 □ .780  
 ◇ .887

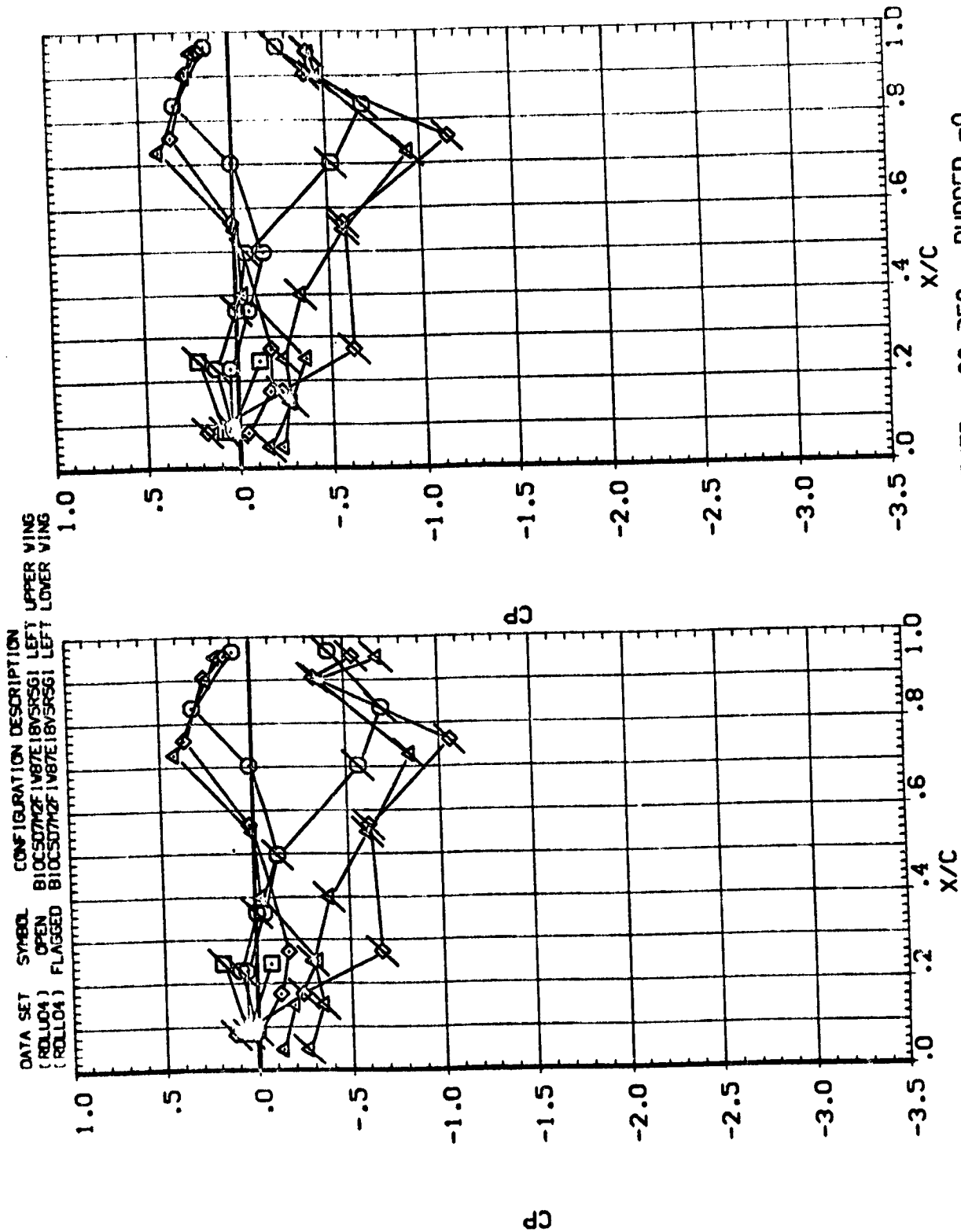
ALPHA -3.000  
 BETA -5.030  
 - .960

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

SYMBOL  $\gamma/\beta$  ALPHA BETA  
 .299 .010 -5.030  
 .364 1.010  
 .427  
 .534



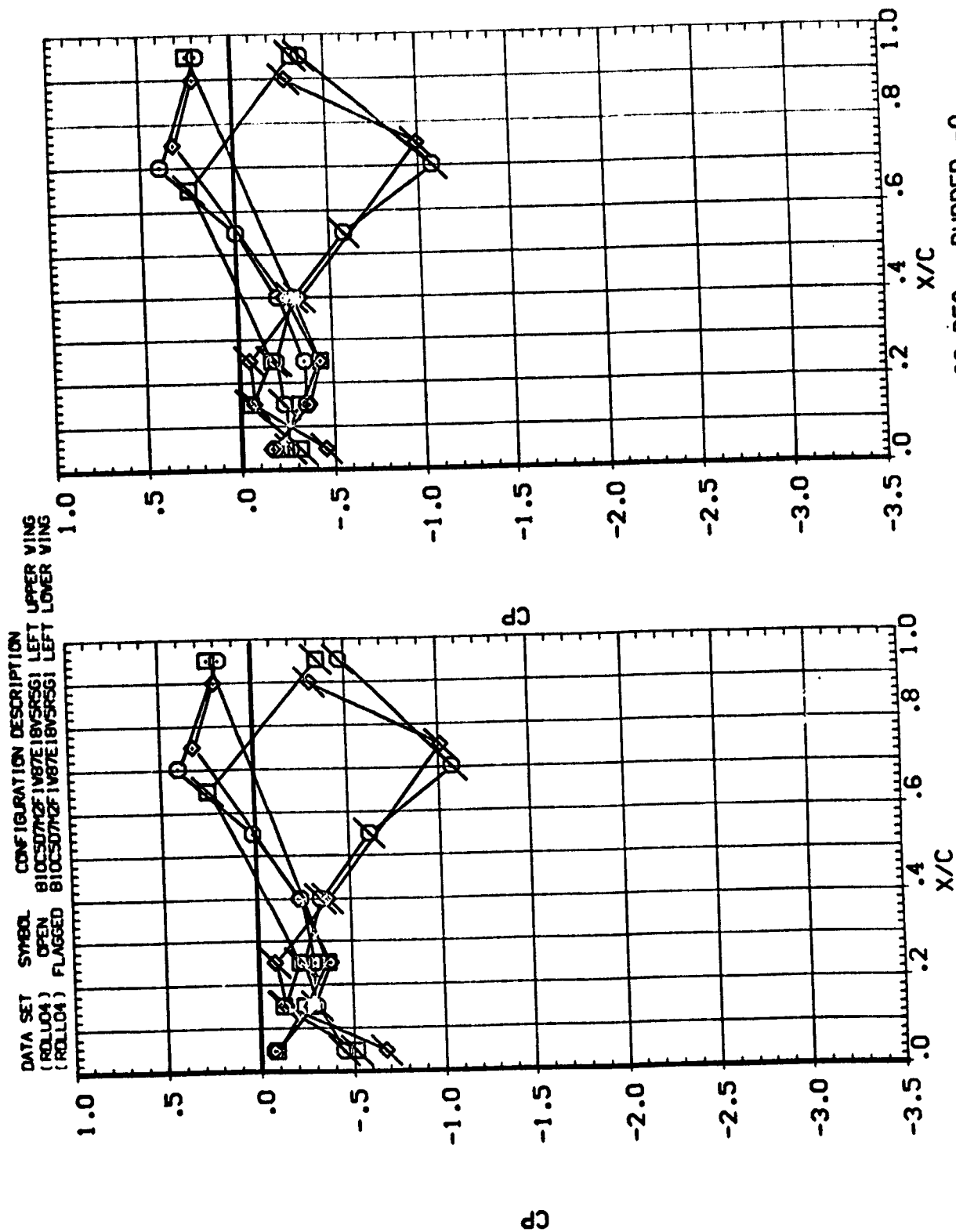


PARAMETRIC VALUES

	-20.000	RUDDER	.000
ELEVTR	40.000 <td>FLAP</td> <td>-19.000</td>	FLAP	-19.000

SYMBOL Y/B ALPHA BETA

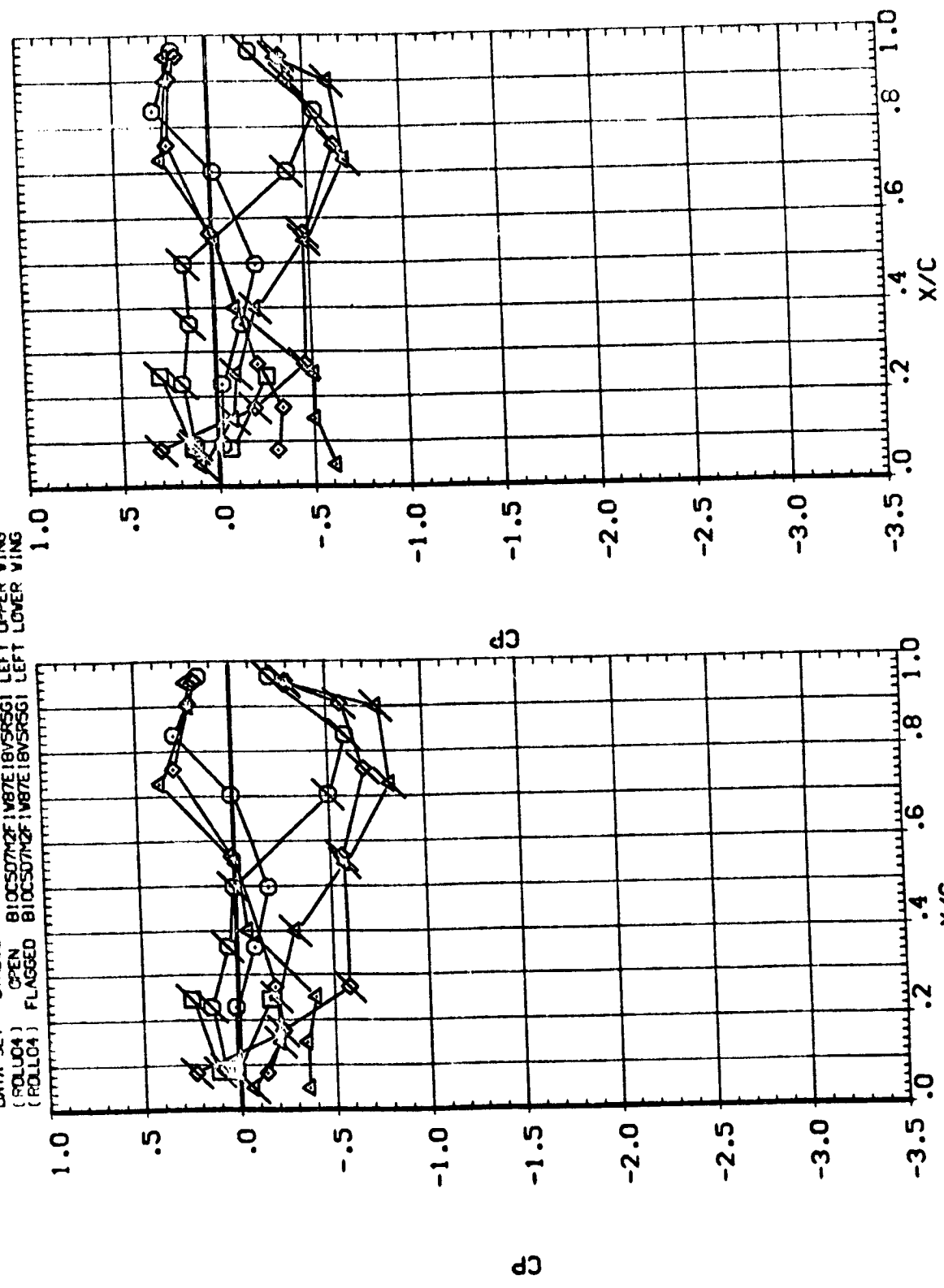
○	.673	.010	-5.030
□	.780	1.010	
◇	.887		



PARAMETRIC VALUES  
 ELEVTR 40.000 RUDDER -18.000  
 RUDDFLR 40.000 FLAP -18.000

SYMBOL Y/B ALPHA BETA  
 .299 2.000 -5.030  
 .364 4.050  
 .427  
 .534

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL04) OPEN B10C507M2F1V87E18V5R5G1 LEFT UPPER WING  
 (ROLL04) FLAGGED B10C507M2F1V87E18V5R5G1 LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0  
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SYMBOL    V/B    ALPHA    BETA

○    .673    2.000    -5.030

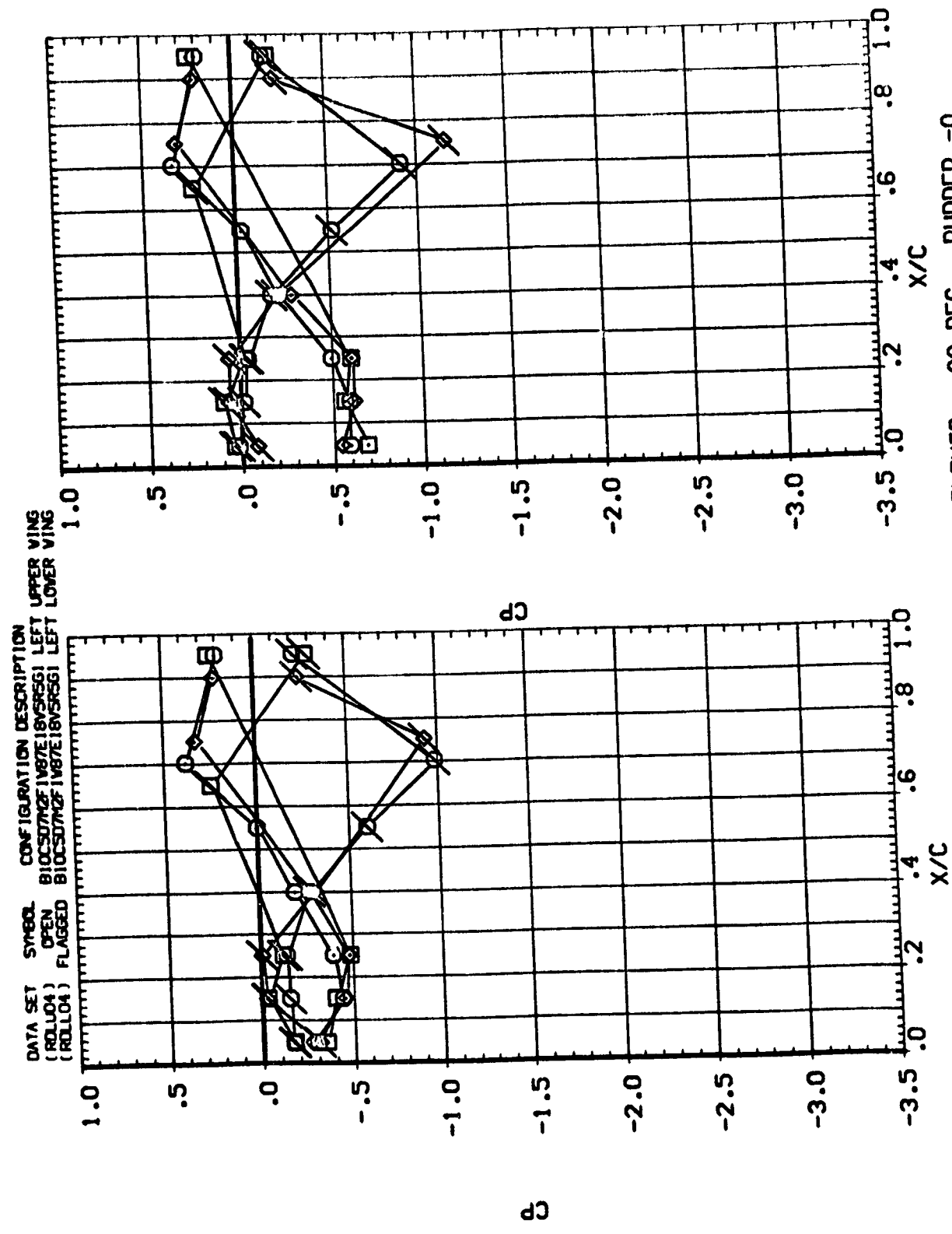
□    .780    4.050

◇    .887

PARAMETRIC VALUES

ELEVTR    -20.000    RUDDER    .000

RUOFLR    40.000    FLAP    -18.000



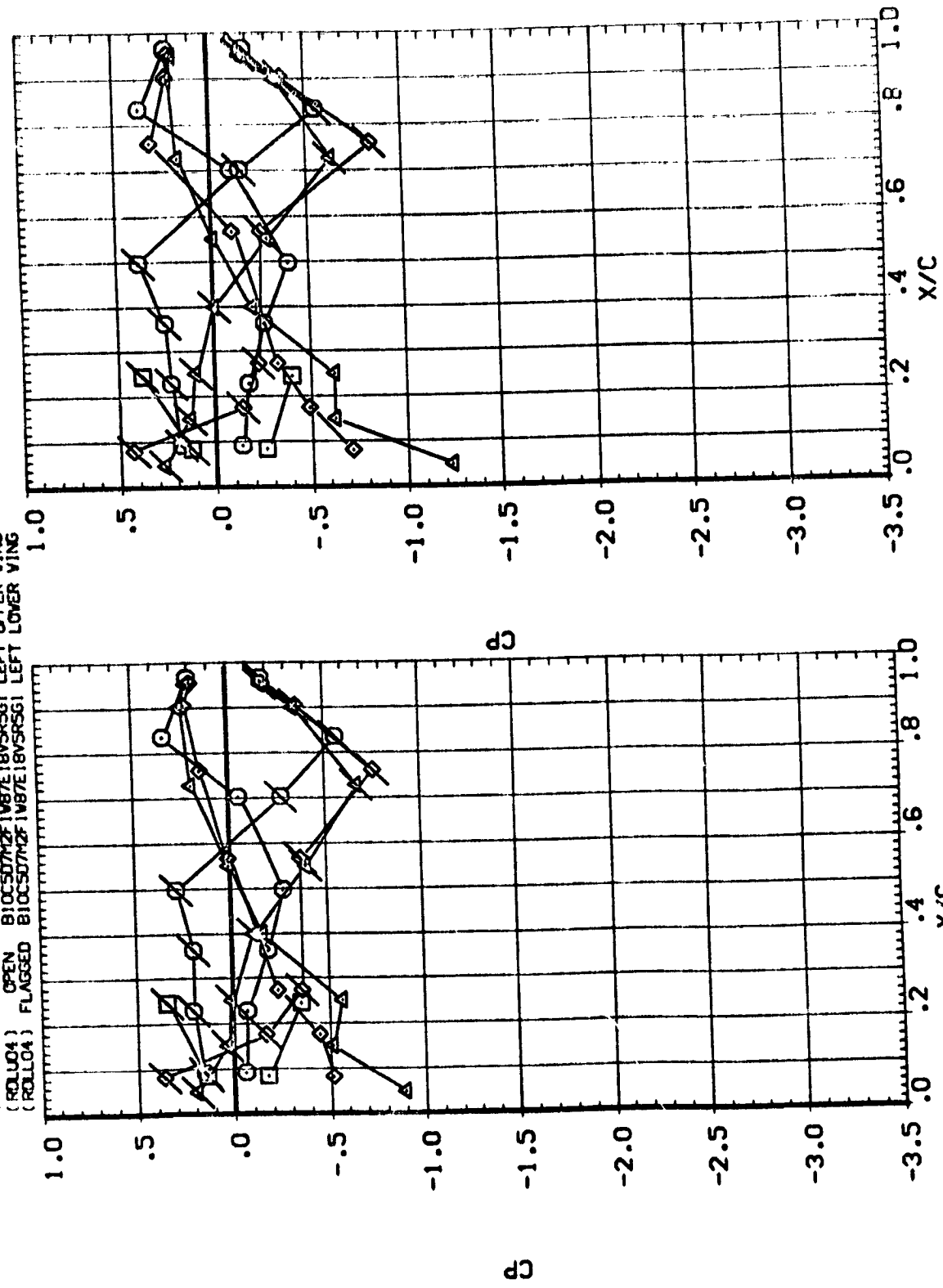


PARAMETRIC VALUES  
 ELEVTR -20.000 RUDER .000  
 RUOFLR 40.000 FLAP -10.000

ALPHA BETA  
 6.080 -5.030  
 8.130

Y/B  
 .299  
 .364  
 .427  
 .534

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL 4) OPEN B10C507MZF1V87E18VSRS61 LEFT UPPER VING  
 (ROLL 4) FLAGGED B10C507MZF1V87E18VSRS61 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDER = 0



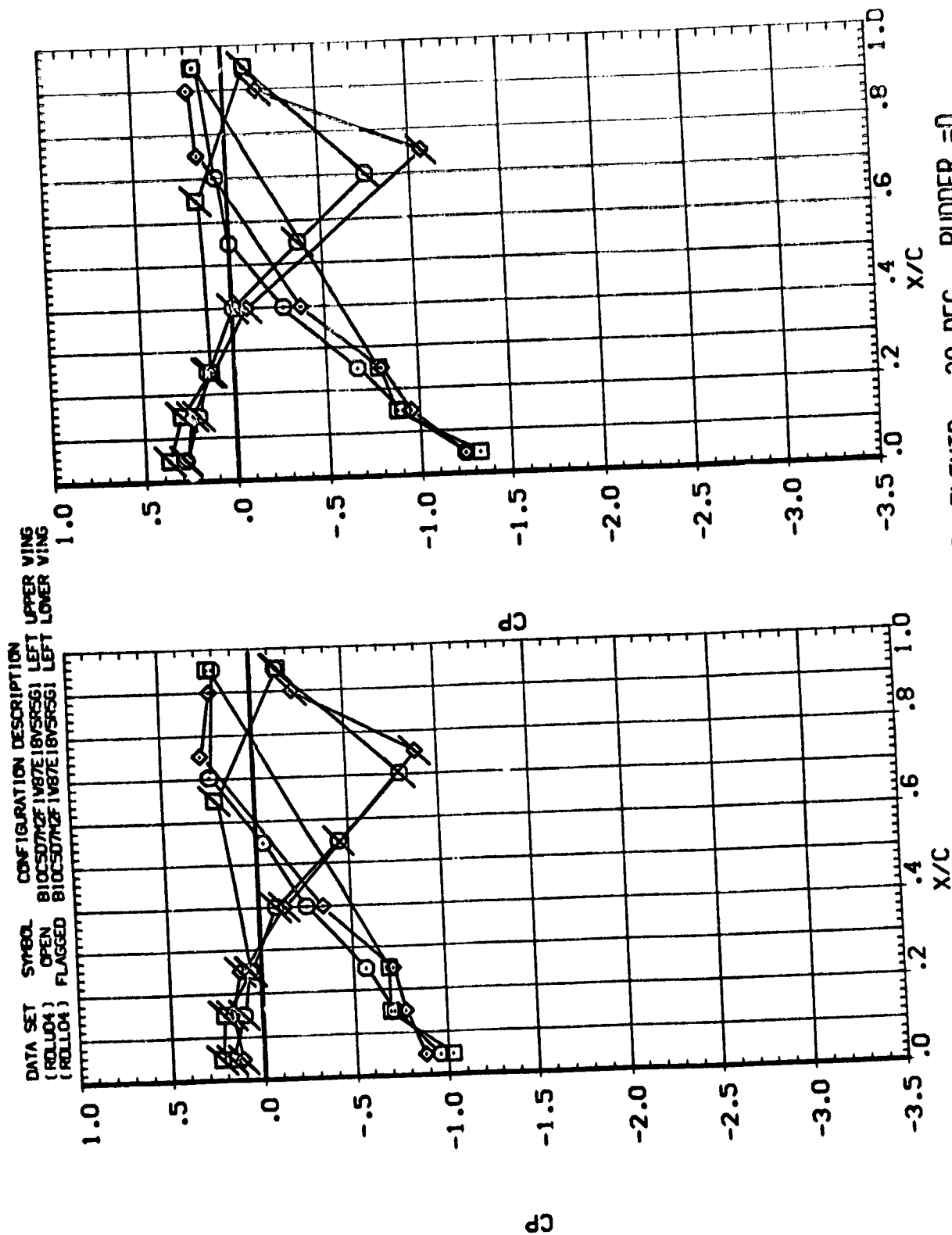
SYMBOL

Y/B  
.673  
.780  
.887

ALPHA  
6.080  
8.130

BETA  
-5.030

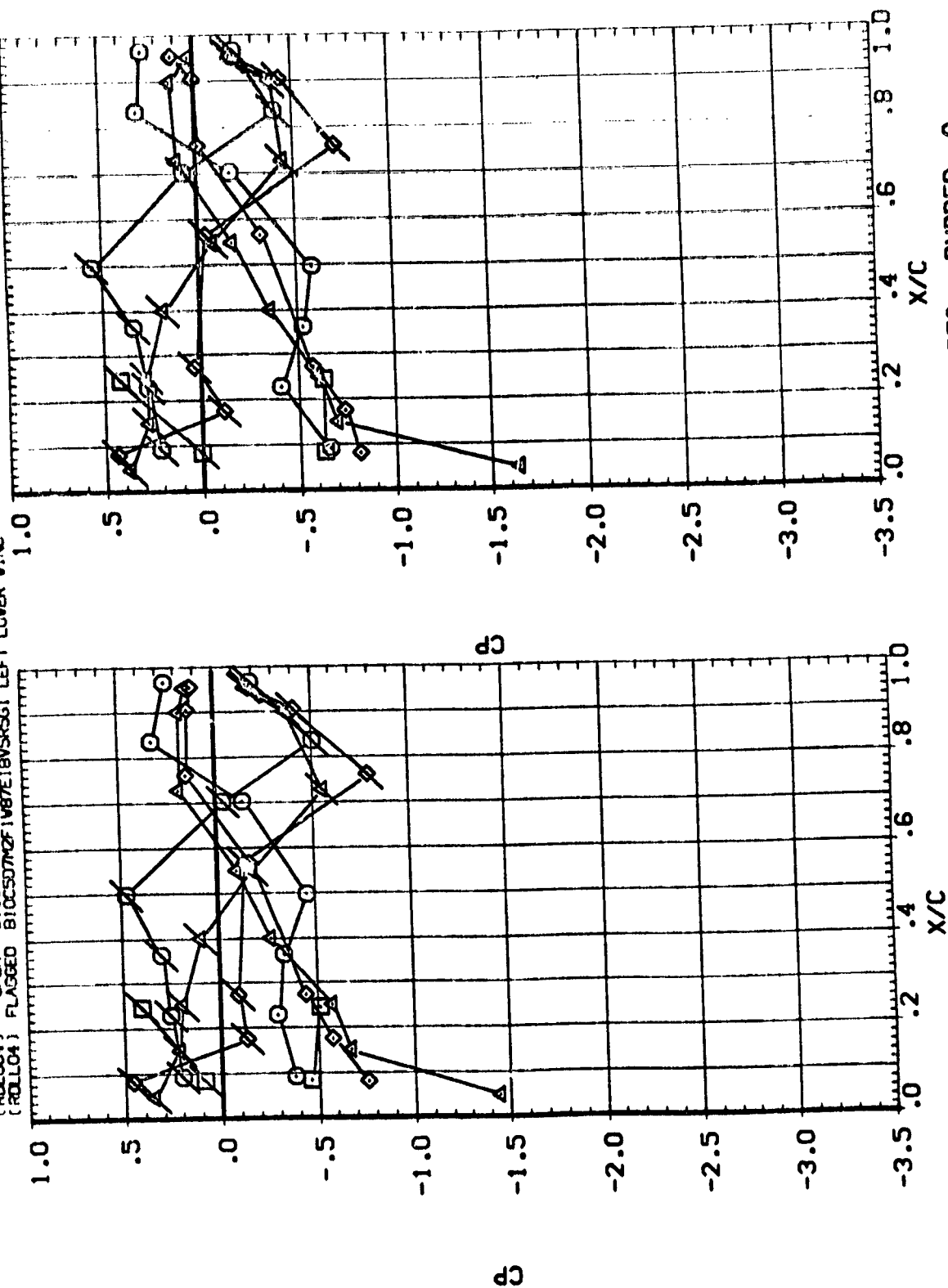
PARAMETRIC VALUES  
ELEVTR  
RUOFLR  
-20.000  
40.000  
RUDDER  
FLAP  
.000  
-18.000



PARAMETRIC VALUES  
 ELEVTR -20.000 RUDGER 0.000  
 RUDFLR 40.000 FLAP -13.000

SYMBOL Y/B ALPHA BETA  
 .289 10.170 -5.030  
 .364 12.220  
 .427  
 .534

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL04) OPEN B10C507M2F187E18VSRSG1 UPPER WING  
 (ROLL04) FLAGGED B10C507M2F187E18VSRSG1 LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDGER = 0  
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SYMBOL  
 ○ □ ◇

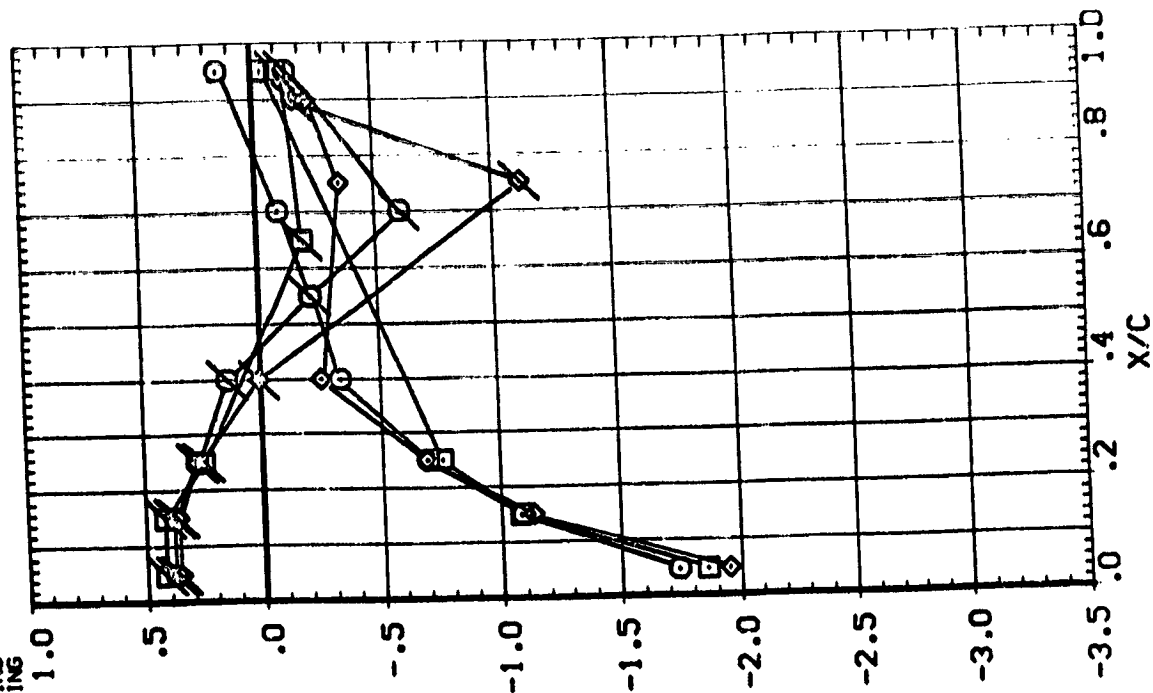
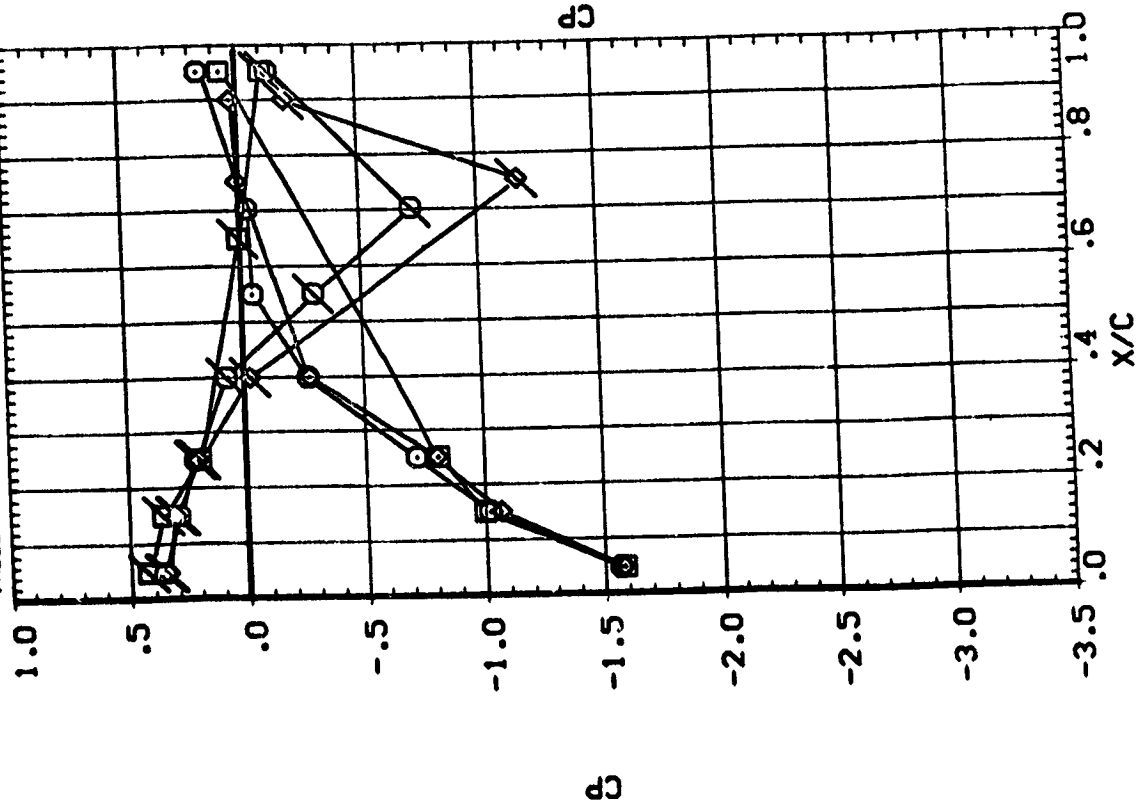
Y/B  
 .673  
 .780  
 .987

ALPHA  
 10.170  
 12.220

BETA  
 -5.030

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

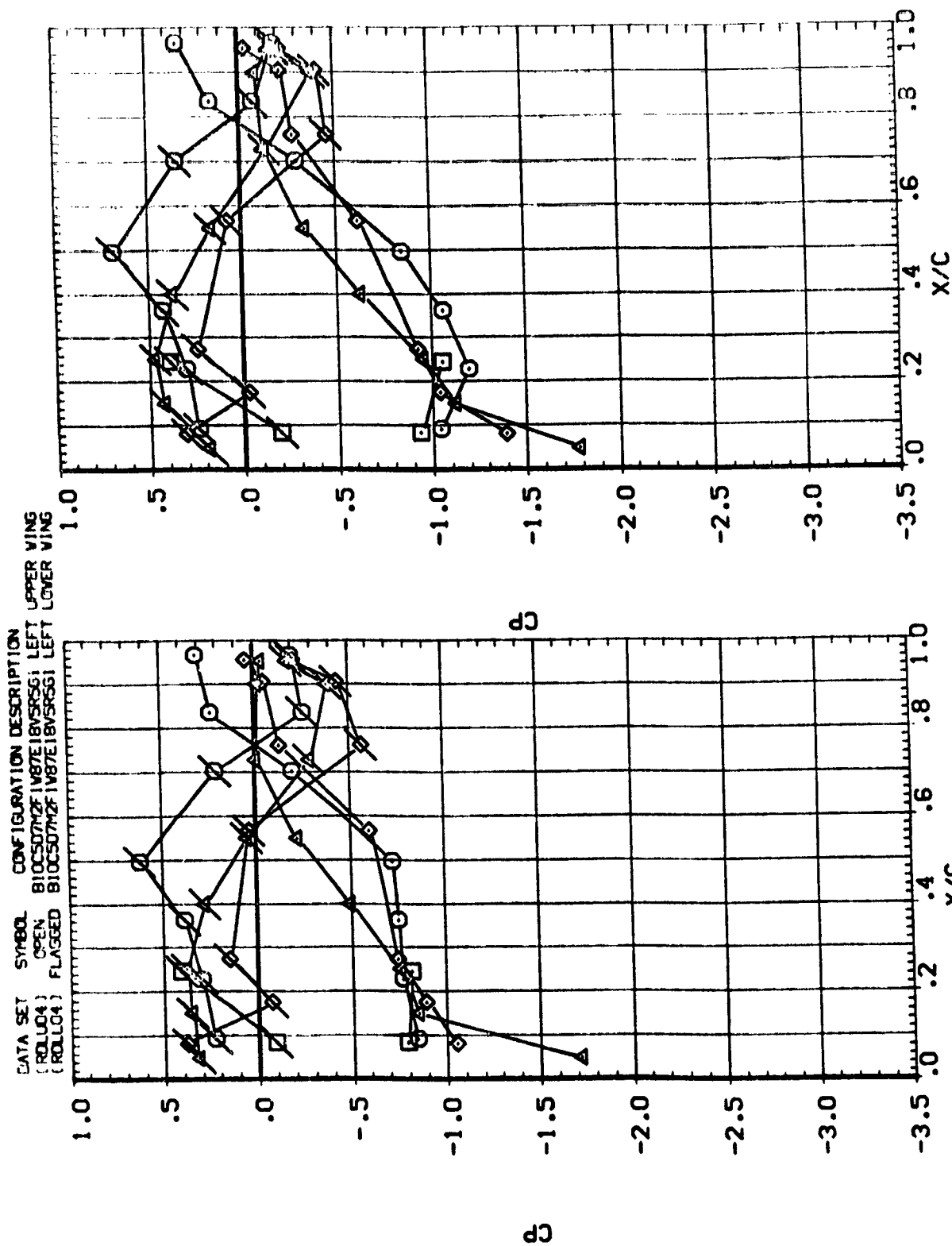
DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL04) OPEN 810C507N2F 1V87E18VSRS61 LEFT UPPER VING  
 (ROLL04) FLAGGED 810C507N2F 1V87E18VSRS61 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUOFLR 40.000 FLAP -03.000

SYMBOL Y/B ALPHA BETA  
 .299 14.260 -5.030  
 .364 16.240  
 .427  
 .534





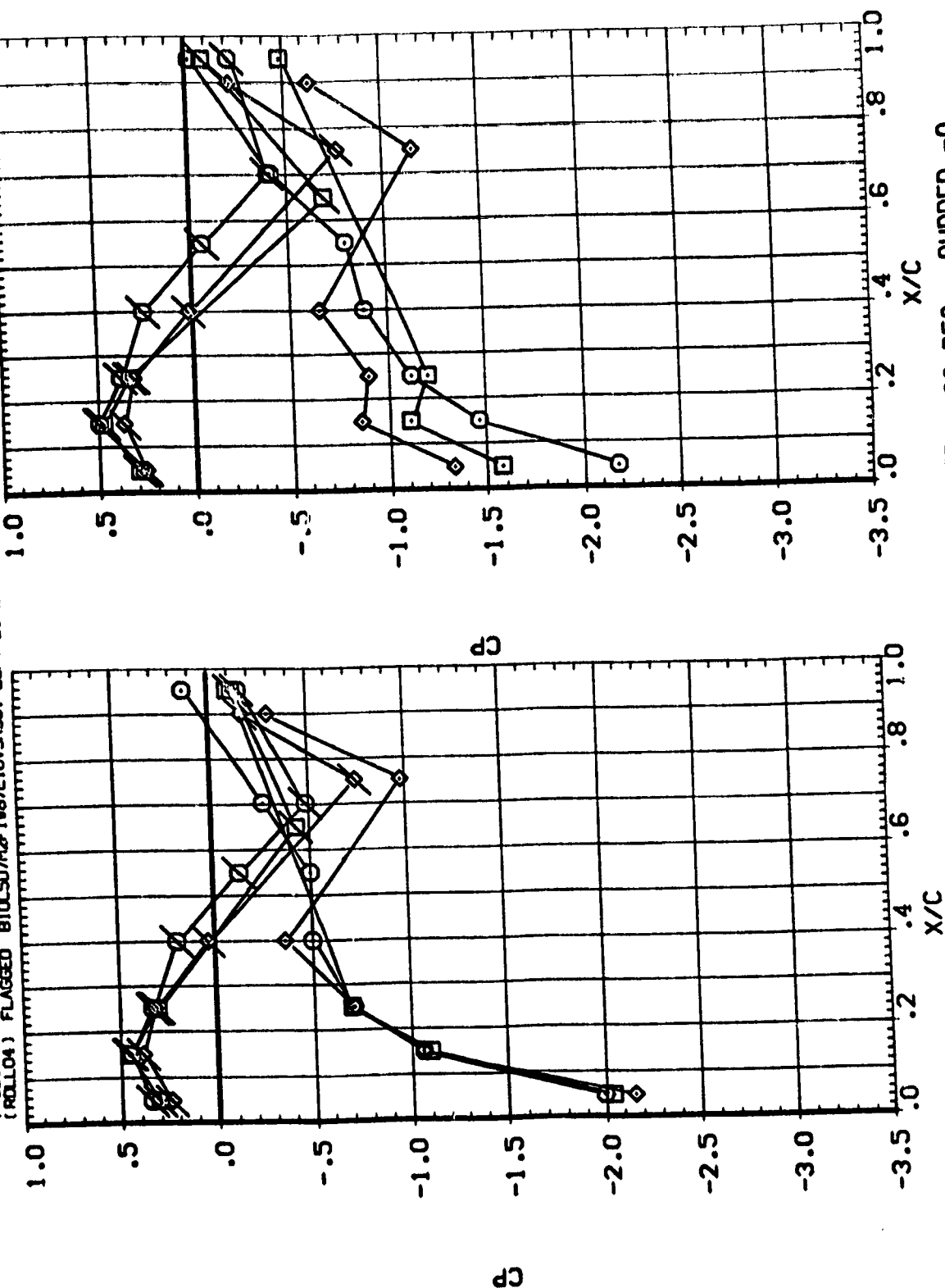
SYMBOL Y/B .673  
 .780  
 .887

ALPHA 14.260  
 16.240

BETA -5.030

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL04) OPEN B10C5D7MCF 1W87E18VSXSG1 LEFT UPPER VING  
 (ROLL04) FLAGGED B10C5D7MCF 1W87E18VSXSG1 LEFT LOWER VING

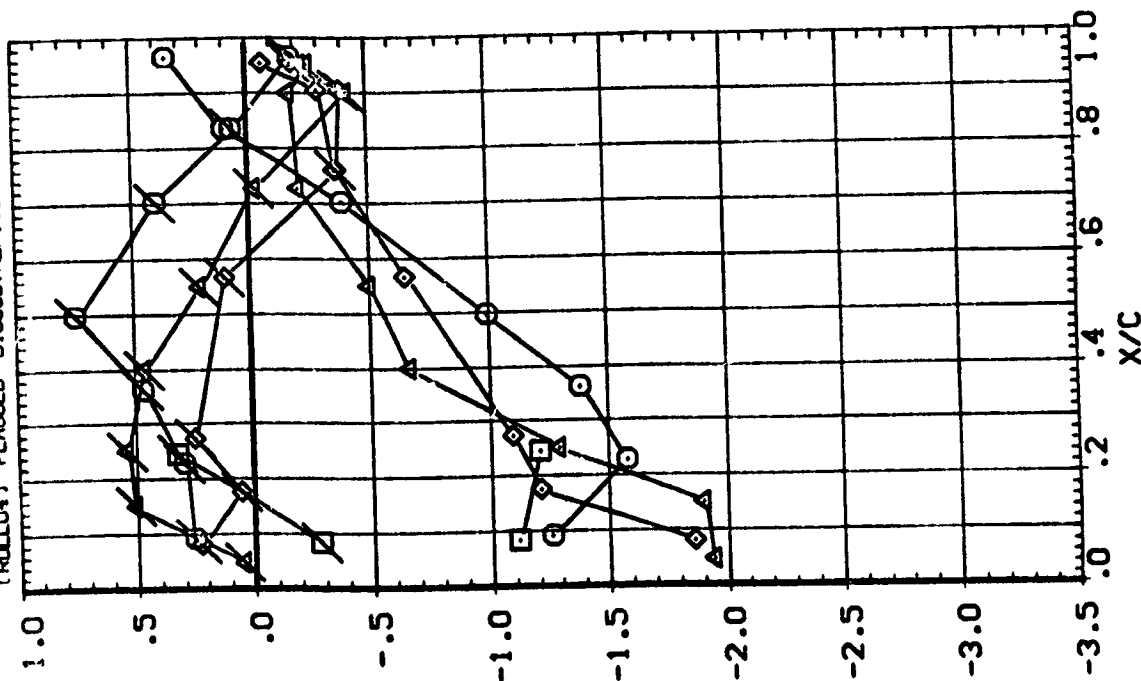


CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUDDFLR 40.000 FLAP -18.000

SYMBOL Y/B ALPHA BETA  
 .299  
 .364  
 .427  
 .534  
 :8.310 -5.030

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL04) OPEN B10C507M2F1V87E18VSR5G1 LEFT UPPER WING  
 (ROLL04) FLAGGED B10C507M2F1V87E18VSR5G1 LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0



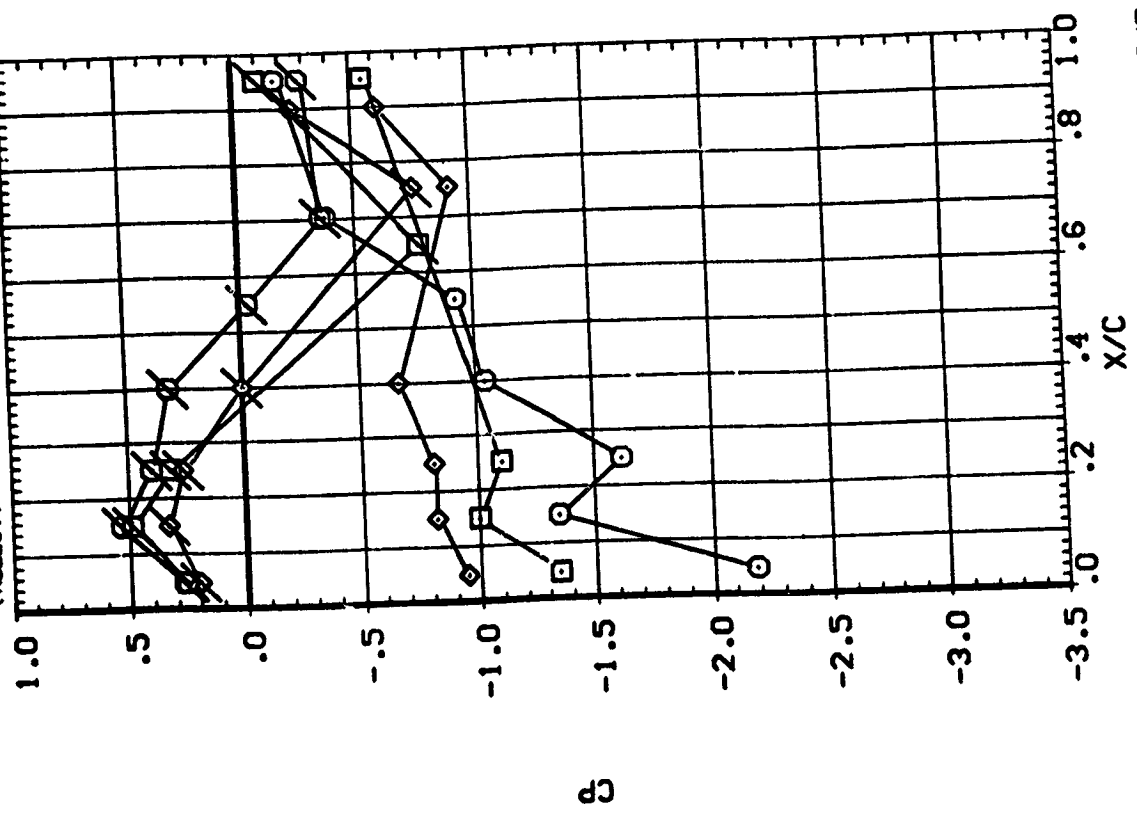
ELEVTR  
 RUOFLR

PARAMETRIC VALUES  
 -20.000 RUDDER  
 40.000 FLAP  
 .000  
 -18.000

SYMBOL V/B ALPHA BETA  
 .673 18.310 -5.030  
 .780  
 .887

○ □ ◇

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL4) OPEN B10C507M2F1V87E18V5R5G1 LEFT UPPER VING  
 (ROLL4) FLAGGED B10C507M2F1V87E18V5R5G1 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0



PARAMETRIC VALUES

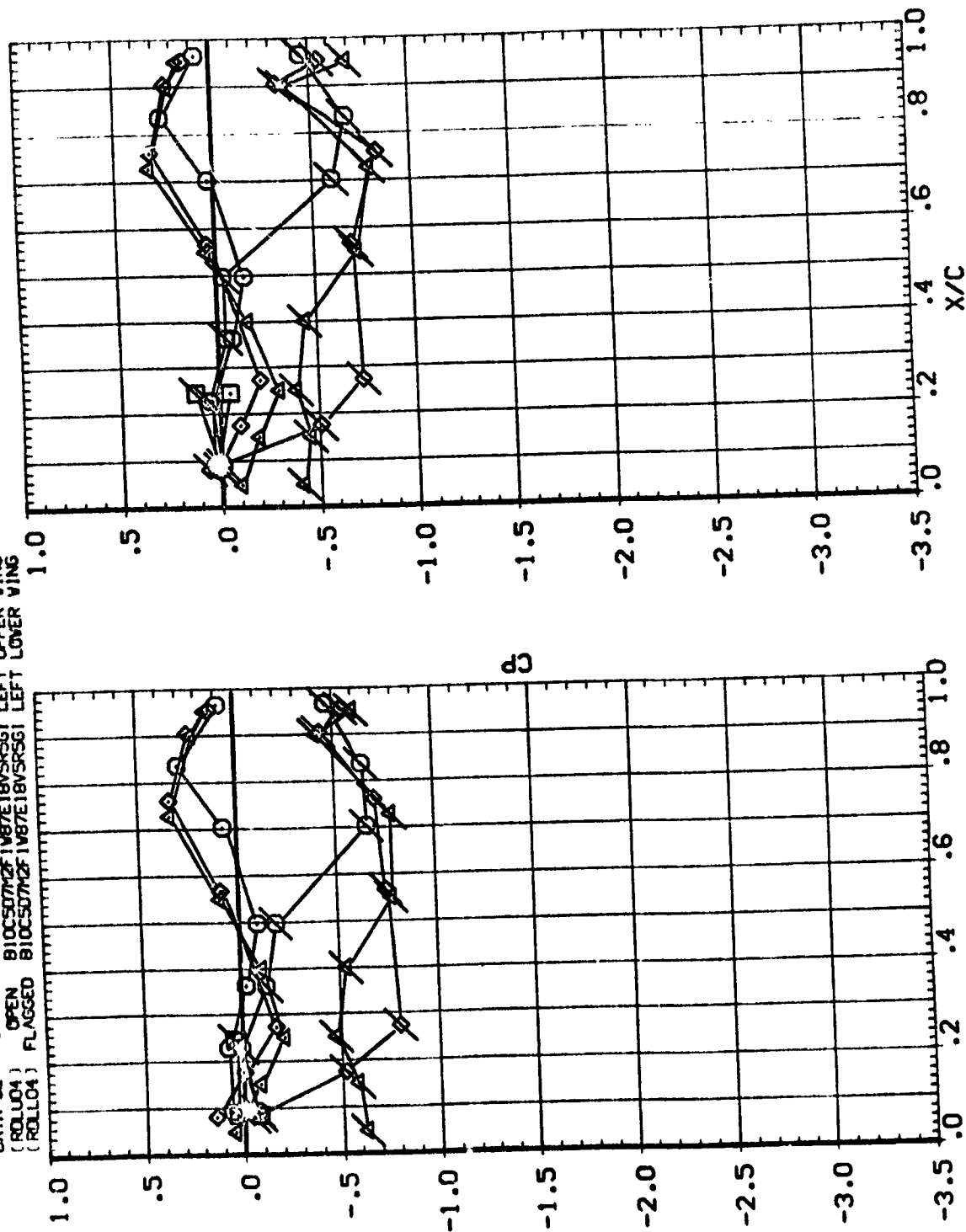
ELEVTR	RUOFLR	RUOFLR	FLAP	RUOFLR
-20.000	40.000	40.000	40.000	-18.000

SYMBOL

Y/B	ALPHA	BETA
.299	-3.040	.000
.364	-1.000	
.427		
.534		

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ROLLO4)	OPEN	B10C507M2F1V67E18VSR5G1	UPPER VING
(ROLLO4)	FLAGGED	B10C507M2F1V67E18VSR5G1	LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUOFLR = 0



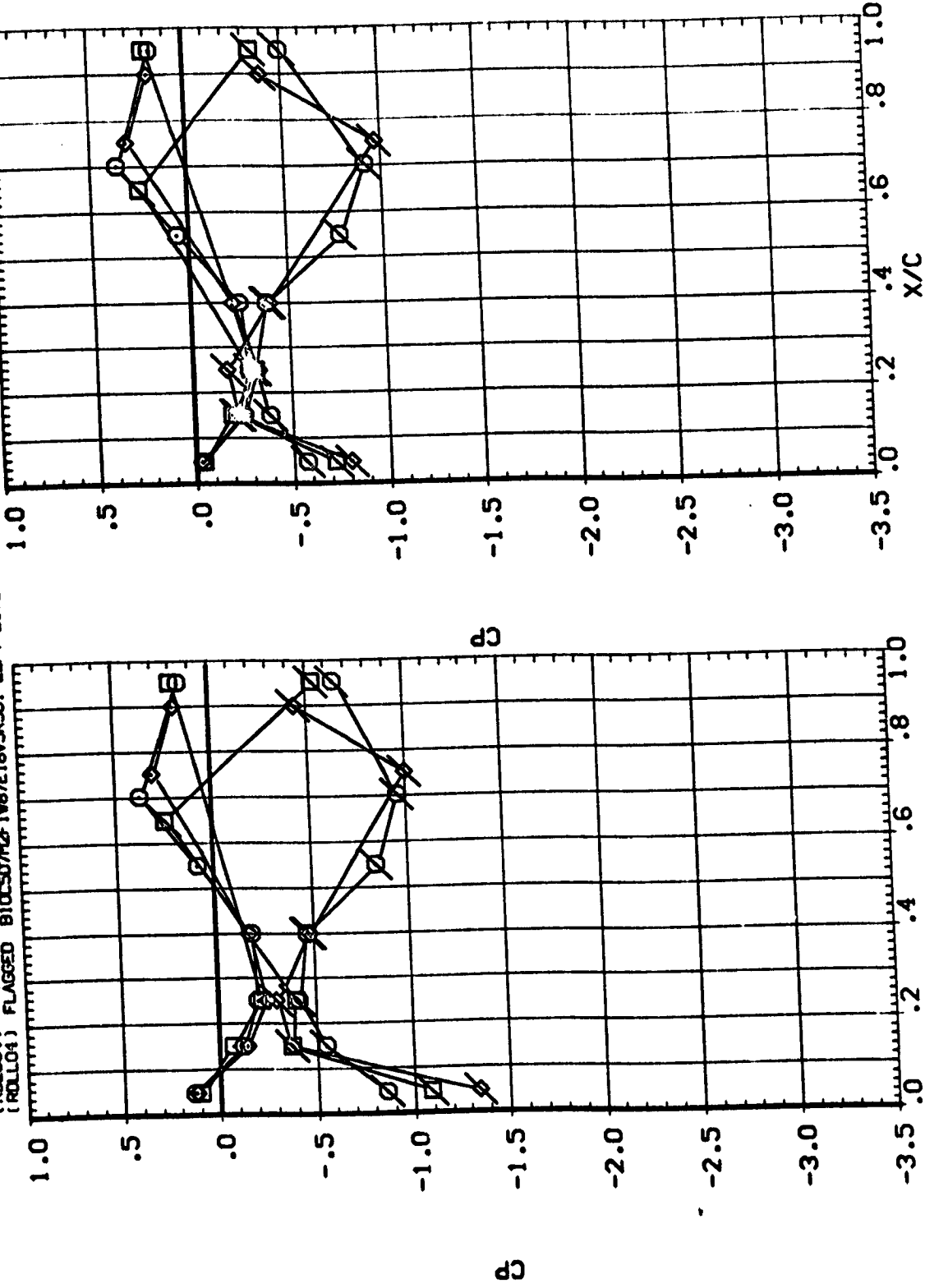
SYMBOL  $\square$   $\diamond$

Y/B .673  
.780  
.887

ALPHA BETA  
-3.040 .000  
-1.000

PARAMETRIC VALUES  
ELEVTR RUOFLR  
-20.000 RUDDER .000  
40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
(ROLL04) OPEN B10C5D7MZF1V87E18V5K5G1 LEFT UPPER WING  
(ROLL04) FLAGGED B10C5D7MZF1V87E18V5K5G1 LEFT LOWER WING

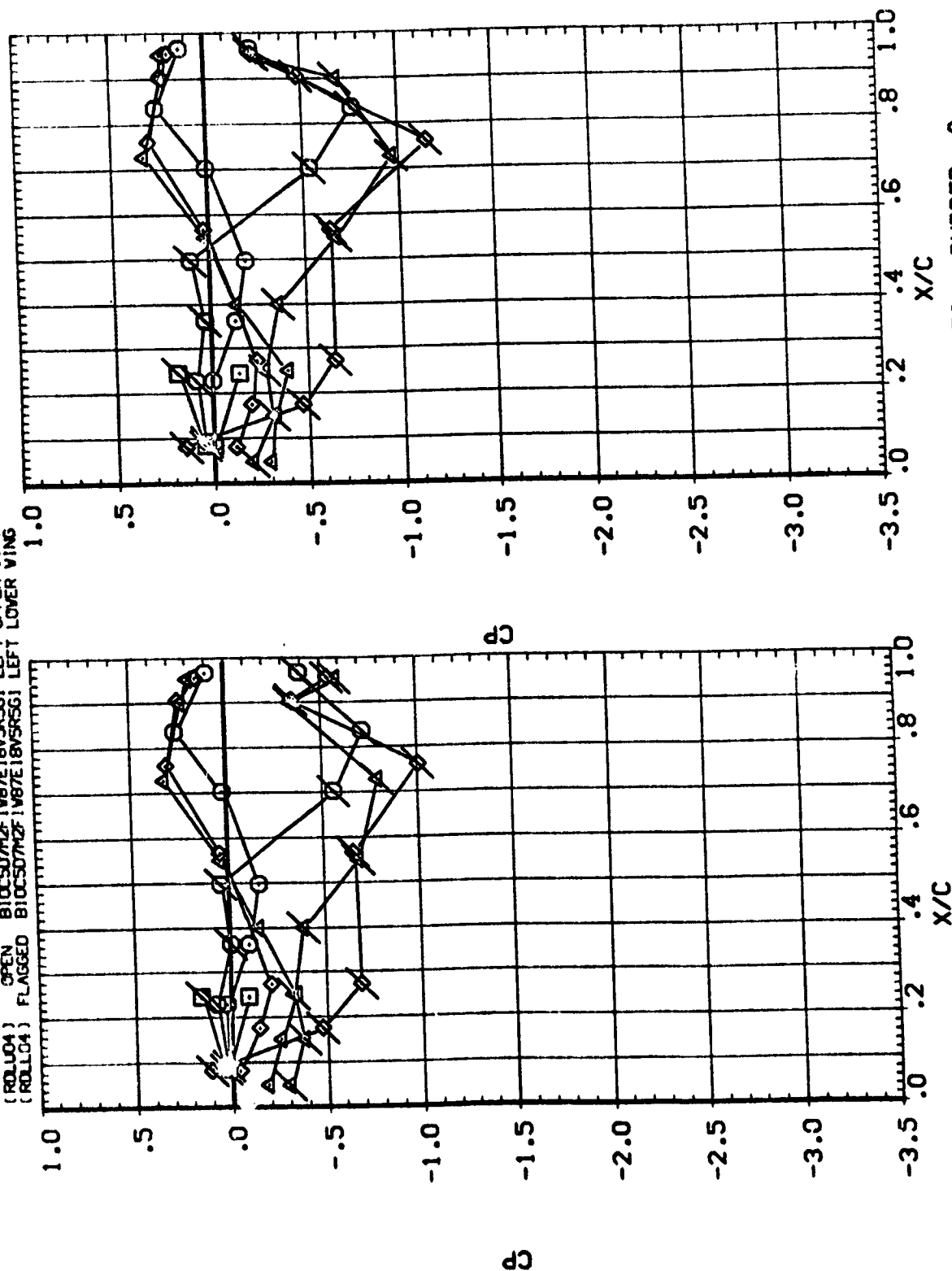


CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0

PARAMETRIC VALUES  
 -20.000 RUDDER .000  
 40.000 FLAP -18.000

SYMBOL Y/B ALPHA BETA  
 .299 .010 .000  
 .364 .990  
 .427  
 .534

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL04) OPEN B10C5D7M2F1V87E1BVS5SG1 UPPER WING  
 (ROLL04) FLAGGED B10C5D7M2F1V87E1BVS5SG1 LEFT LOWER WING



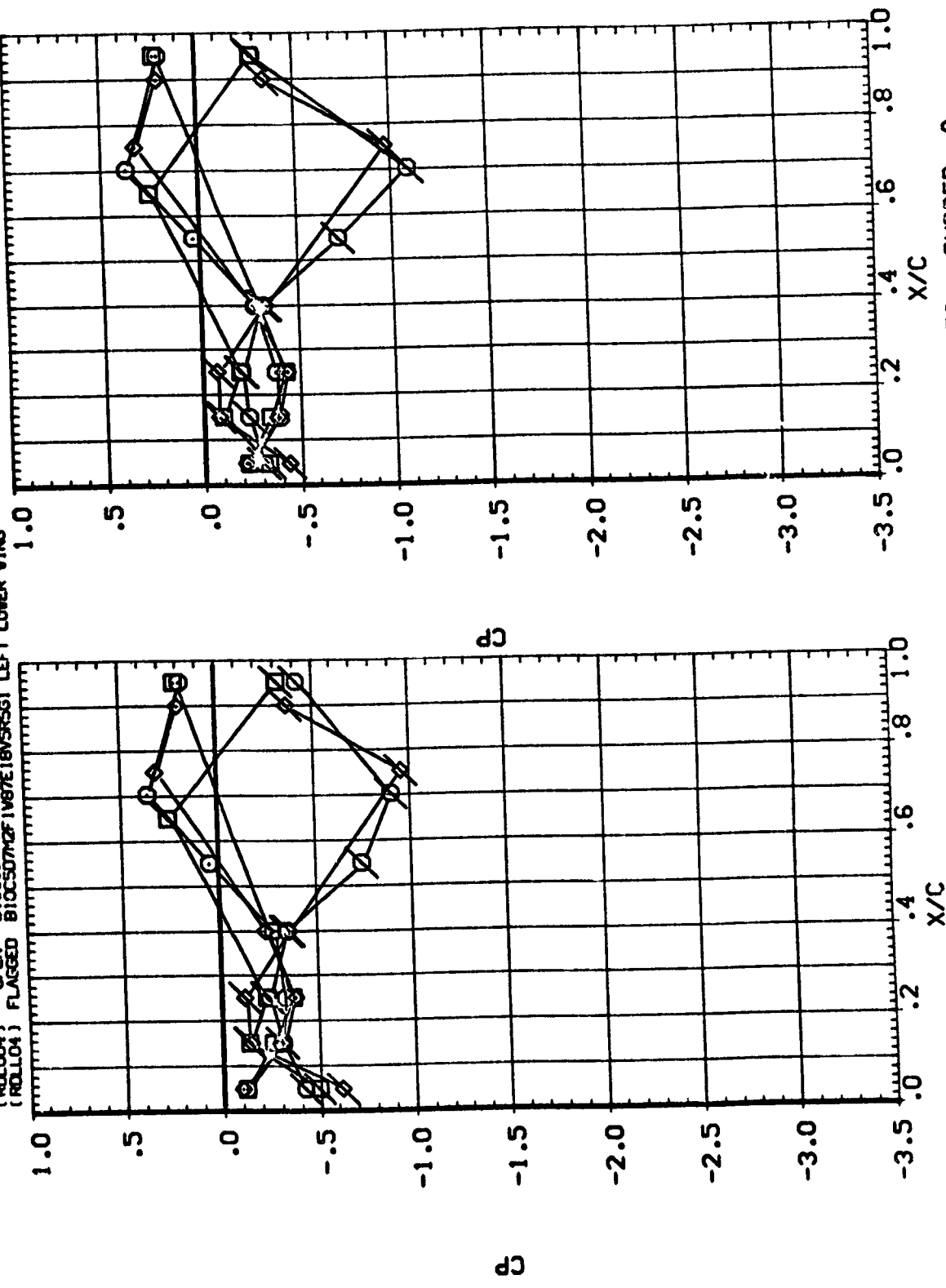
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0



PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

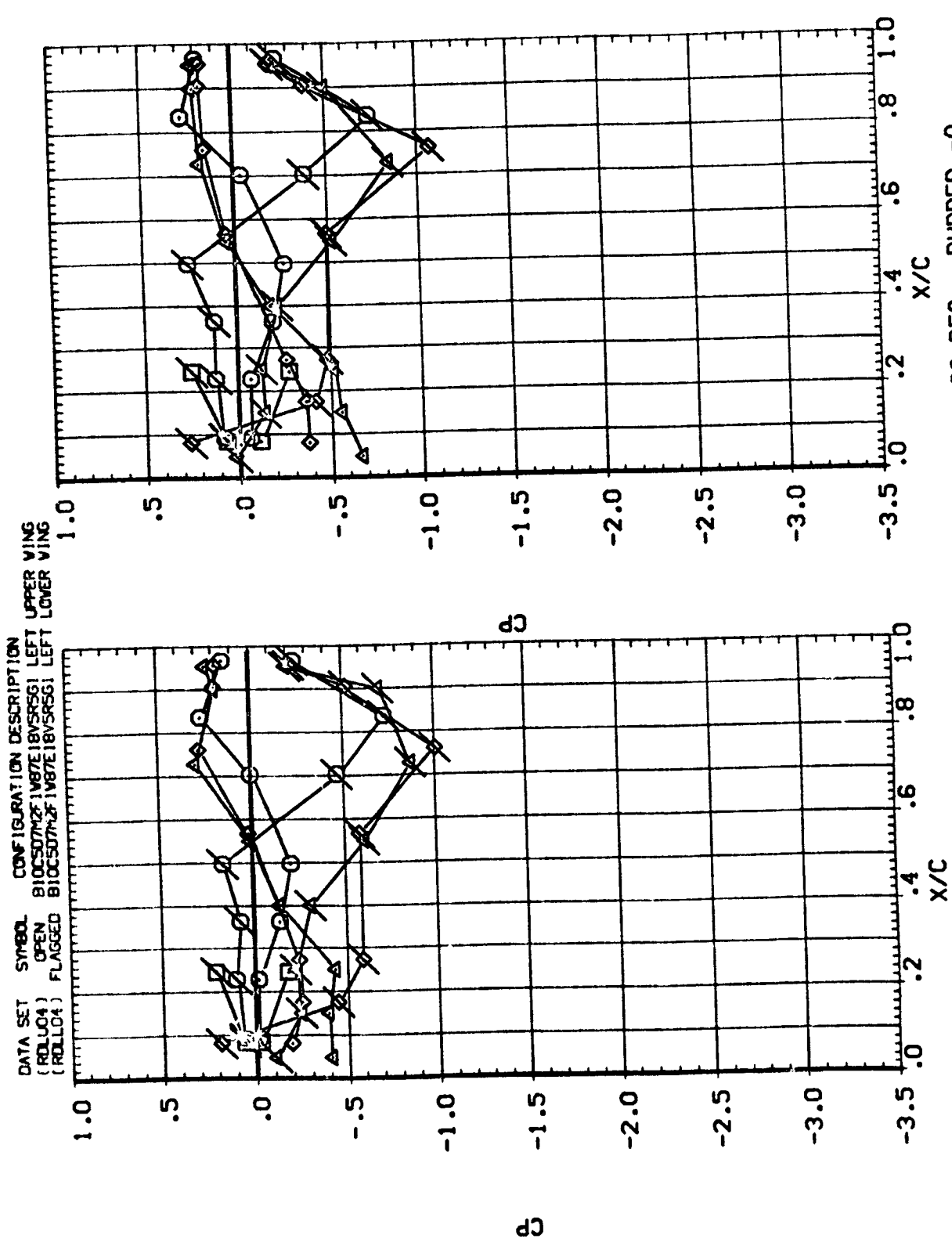
SYMBOL Y/B ALPHA BETA  
 .673 .010 .000  
 .780 .990  
 .887

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL04) OPEN B10C507M2F1V87E18V5R5G1 UPPER WING  
 (ROLL04) FLAGGED B10C507M2F1V87E18V5R5G1 LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0

SYMBOL	Y/B	ALPHA	BETA	PARAMETRIC VALUES	
				ELEVTR	RUDDER
○	.299	2.030	.000	-20.000	.000
□	.364	4.030		40.000	FLAP
◇	.427				-18.000
△	.534				



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0



SYMBOL  $\gamma/\beta$

$\square$  .673

$\square$  .780

$\diamond$  .887

ALPHA BETA

2.030 .000

4.030

PARAMETRIC VALUES

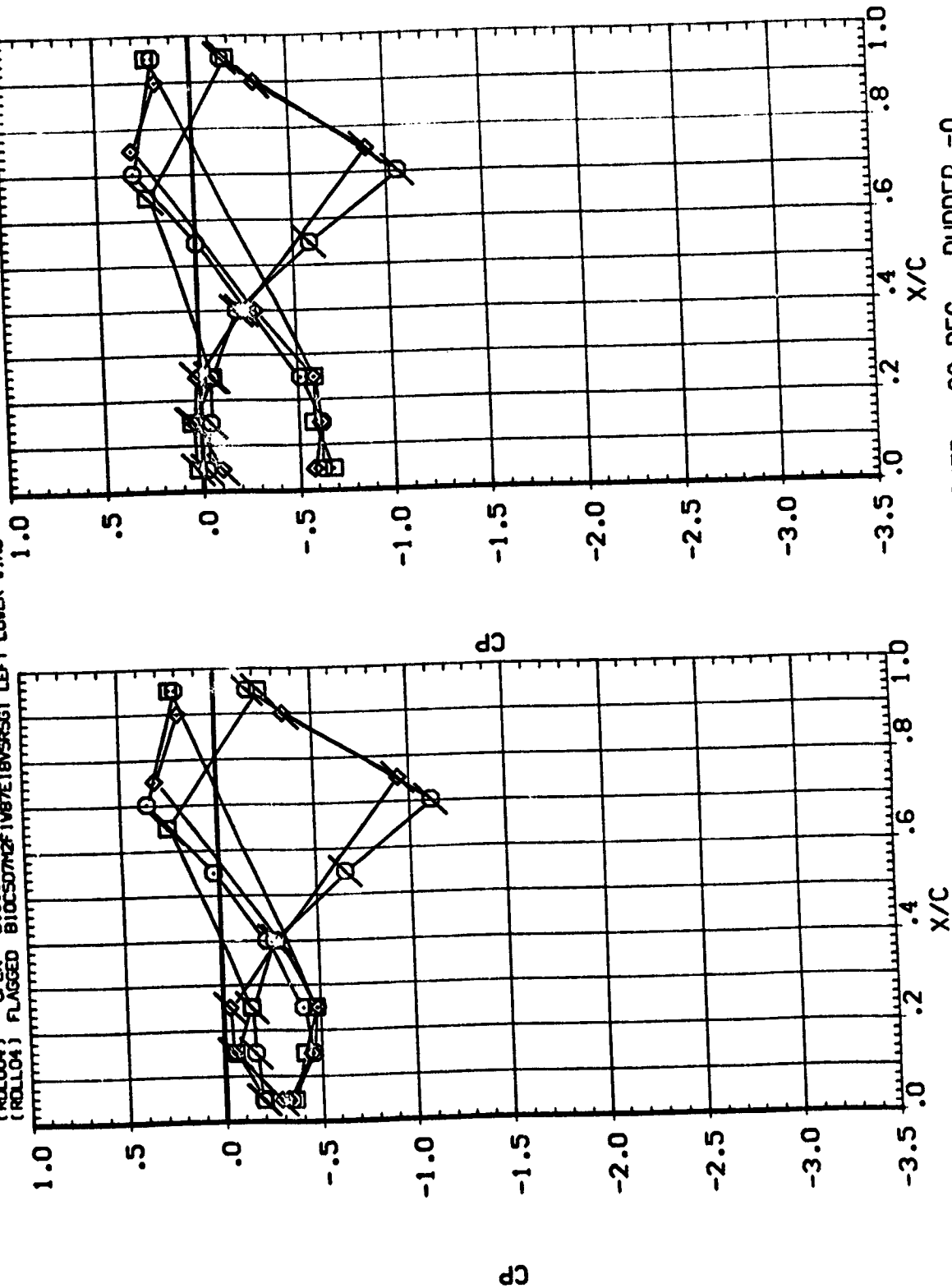
ELEVTR -20.000 RUDDER .000

RUOFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ROLL04) OPEN B10C5D7M2F1V87E18V5R5G1 UPPER VING

(ROLL04) FLAGGED B10C5D7M2F1V87E18V5R5G1 LEFT LOWER VING

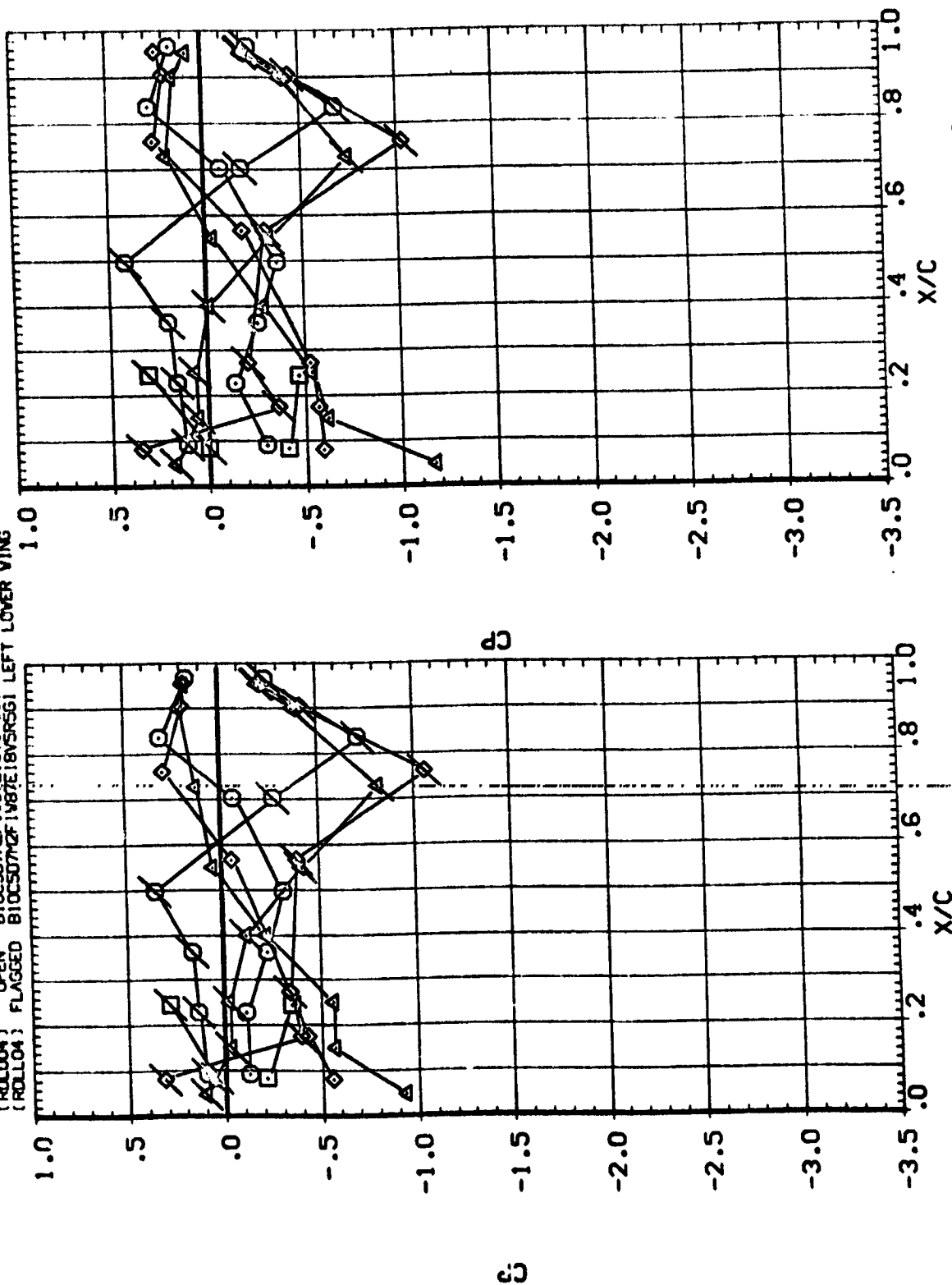


CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0

PARAMETRIC VALUES  
 ELEVTR 40.000 RUDDER .000  
 RUOFLR -18.000 FLAP

SYMBOL Y/B ALPHA BETA  
 .299 6.080 .000  
 .364 8.110  
 .427  
 .534

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL04) OPEN B10C5074ZF187E18VSRSG1 UPPER WING  
 (ROLL04) FLAGGED B10C5074ZF187E18VSRSG1 LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0



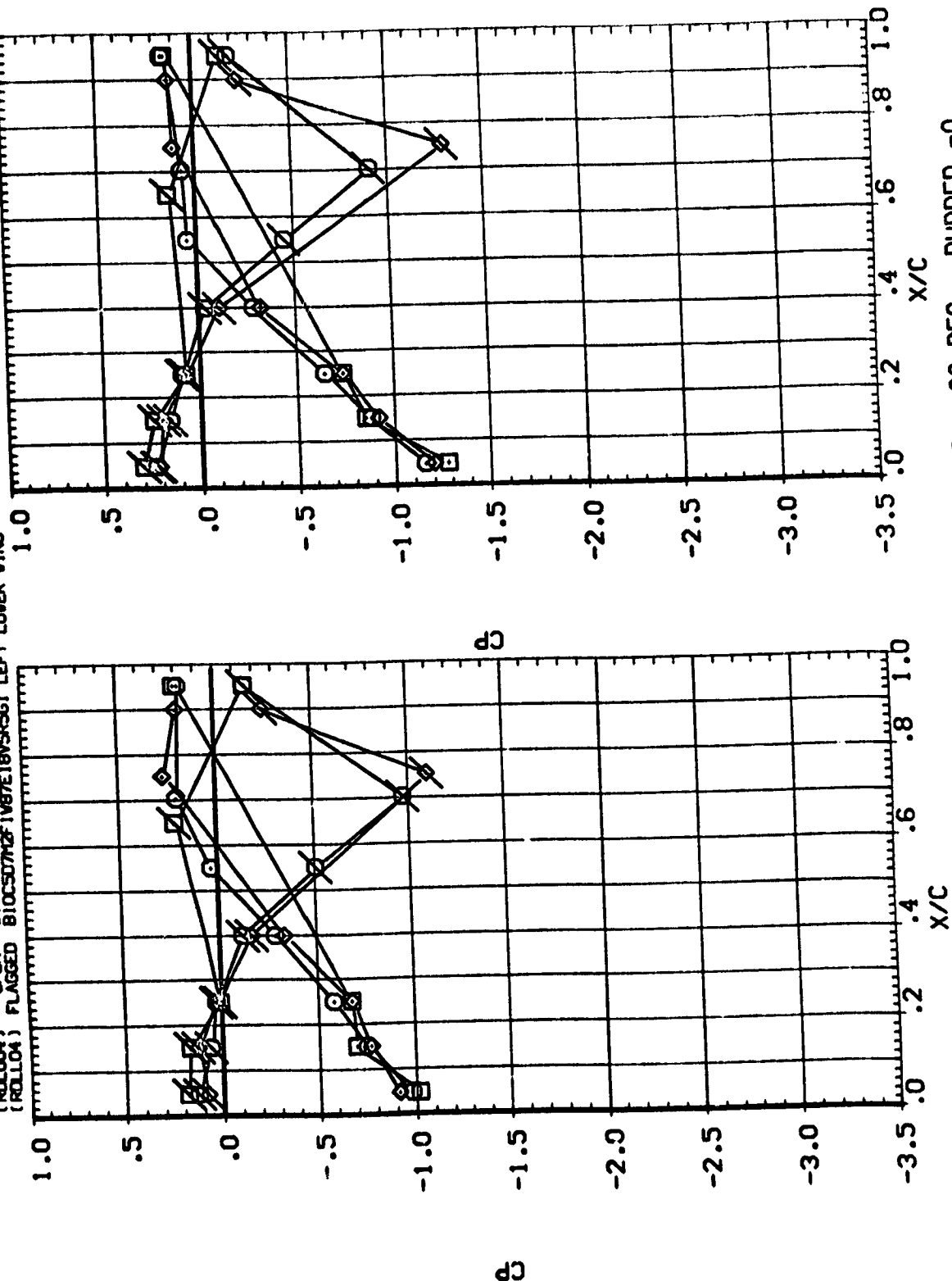
SYMBOL  $\square$   $\diamond$

Y/B .673  
.760  
.887

ALPHA BETA  
6.080 .000  
8.110

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUDDFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
(ROLL04) OPEN B10C5D7N2F1V87E18VS5R5G1 UPPER WING  
(ROLL04) FLAGGED B10C5D7N2F1V87E18VS5R5G1 LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0



PARAMETRIC VALUES

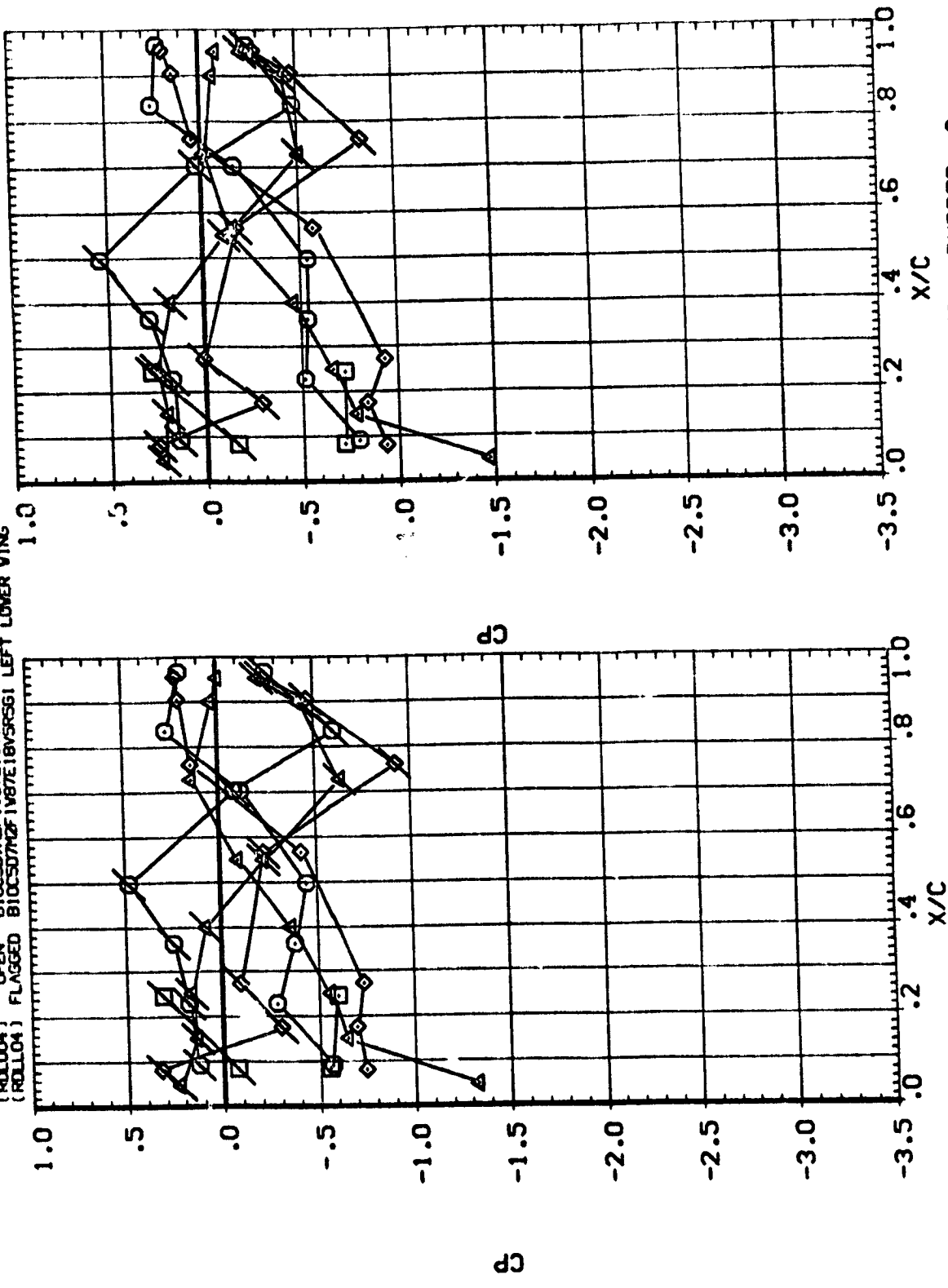
ELEVTR	-20.000	RUDDER	.000
FLUFLR	40.000	FLAP	-19.000

SYMBOL

Y/B	ALPHA	BETA
.299	10.120	.000
.364	12.200	
.427		
.534		

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ROLL04)	OPEN	B10C5D7N2F1V87E18V5R5G1	LEFT UPPER VING
(ROLL04)	FLAGGED	B10C5D7N2F1V87E18V5R5G1	LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0



SYMBOL  $\gamma/\delta$

$\square$  .673

$\square$  .780

$\diamond$  .887

ALPHA

10.120

12.200

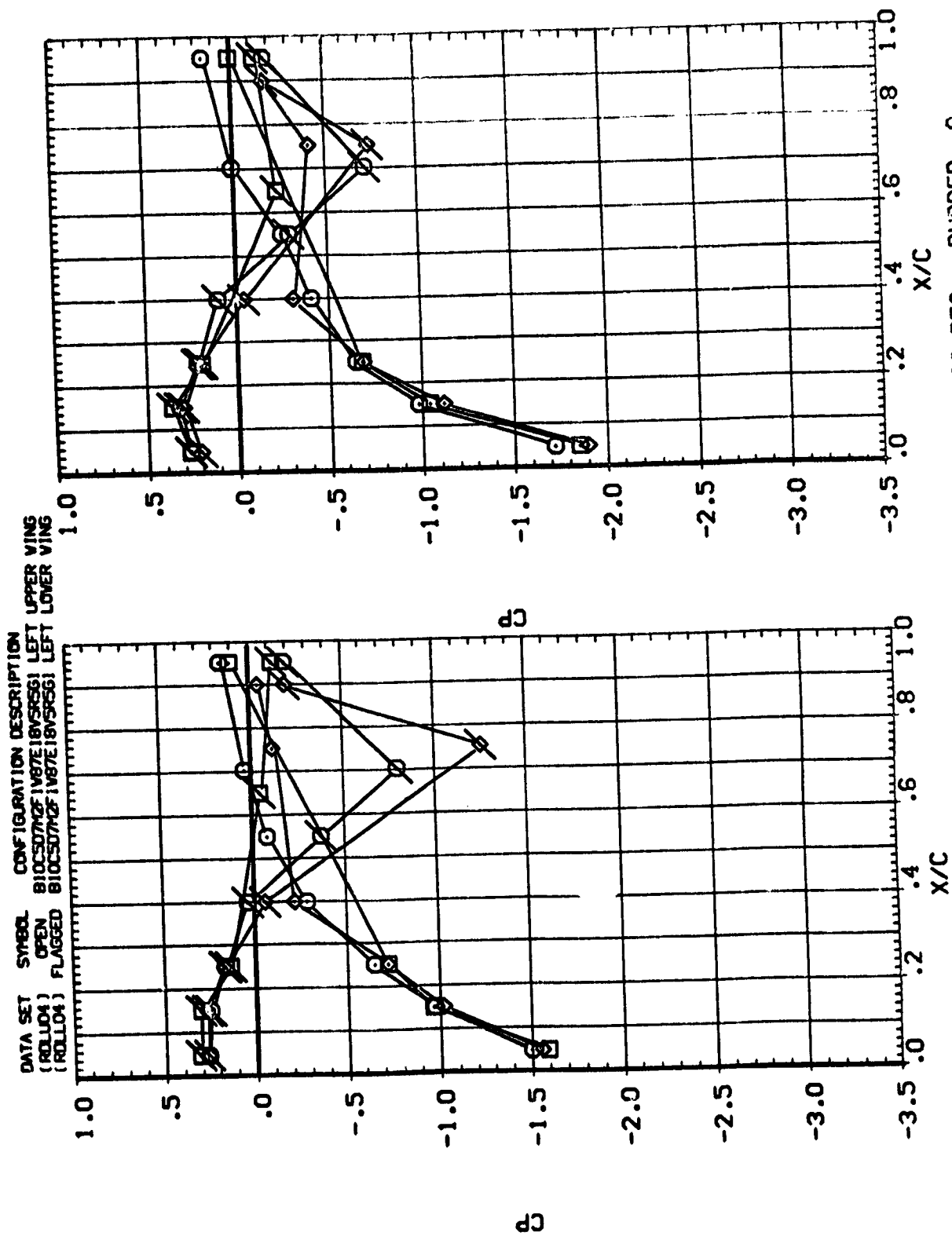
BETA

.000

PARAMETRIC VALUES

ELEVTR -20.000 RUDDER .000

RUOFLR 40.000 FLAP -18.000



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0

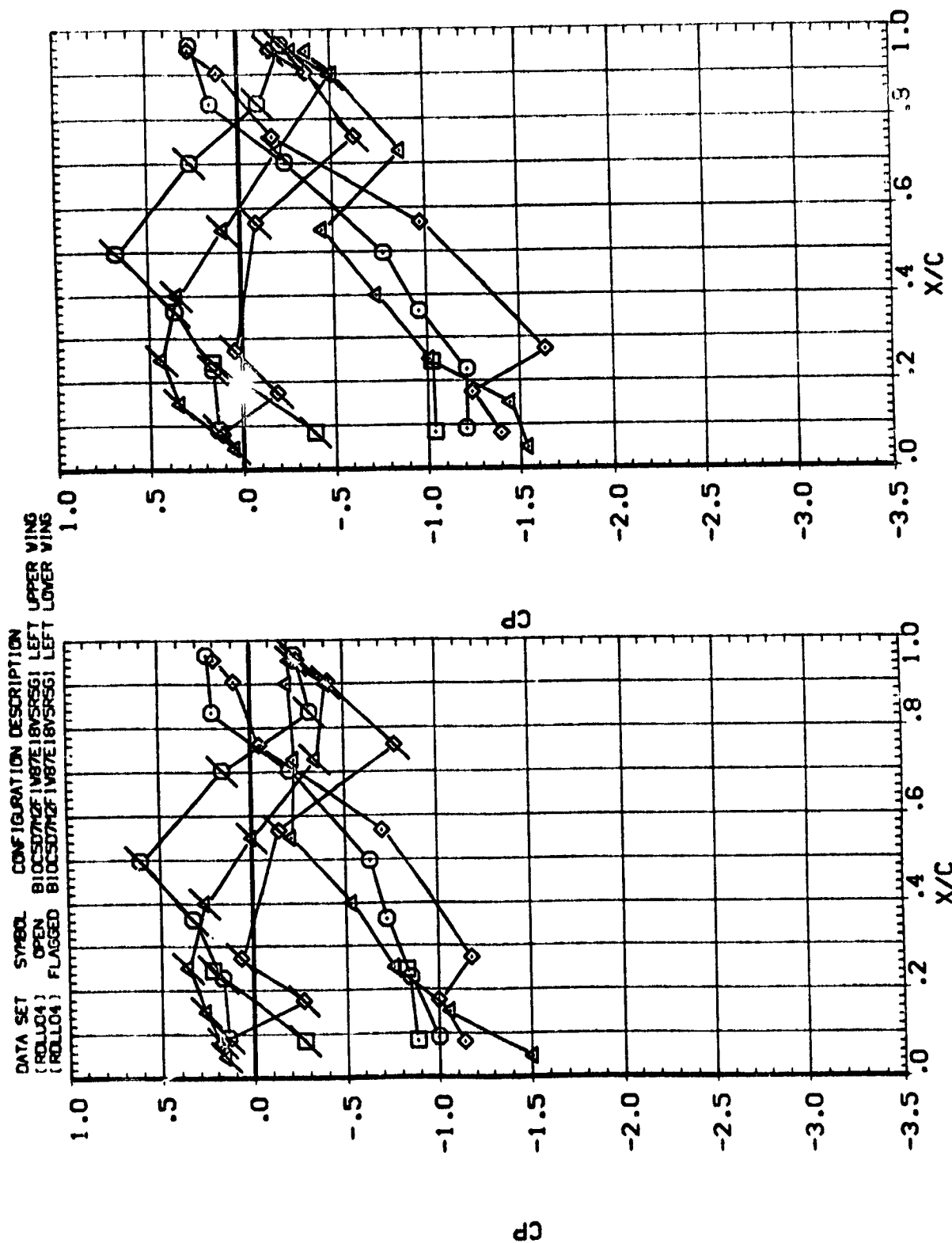
SYMBOL  
○ □ ◇ △

Y/B  
.299  
.364  
.427  
.534

ALPHA  
14.240  
16.230

BETA  
.000

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000





SYMBOL Y/B

□ .673

□ .780

◇ .887

ALPHA BETA

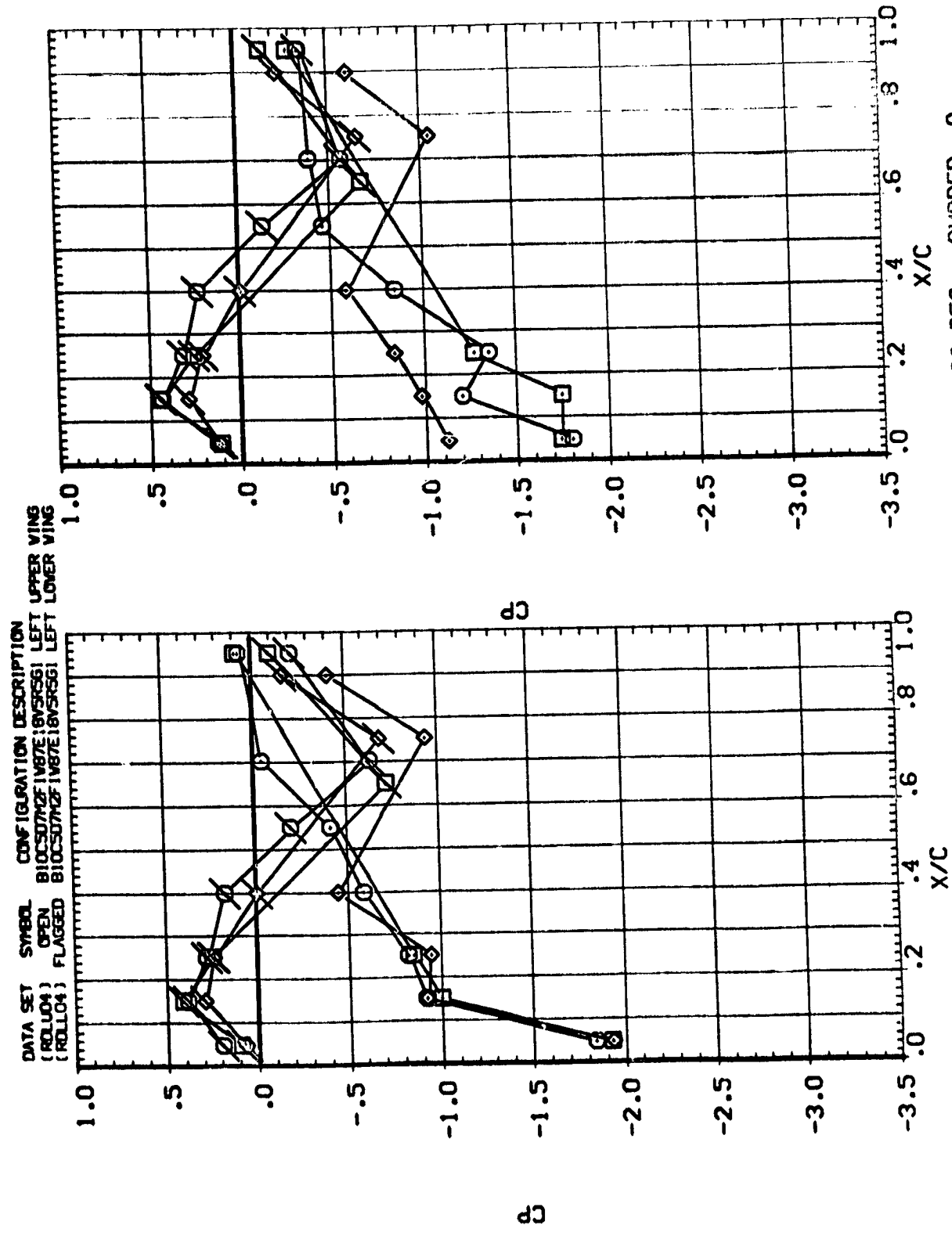
14.240 .000

16.230

PARAMETRIC VALUES

ELEVTR RUDDER .000

RUOFLR 40.000 FLAP -18.000



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0

PARAMETRIC VALUES

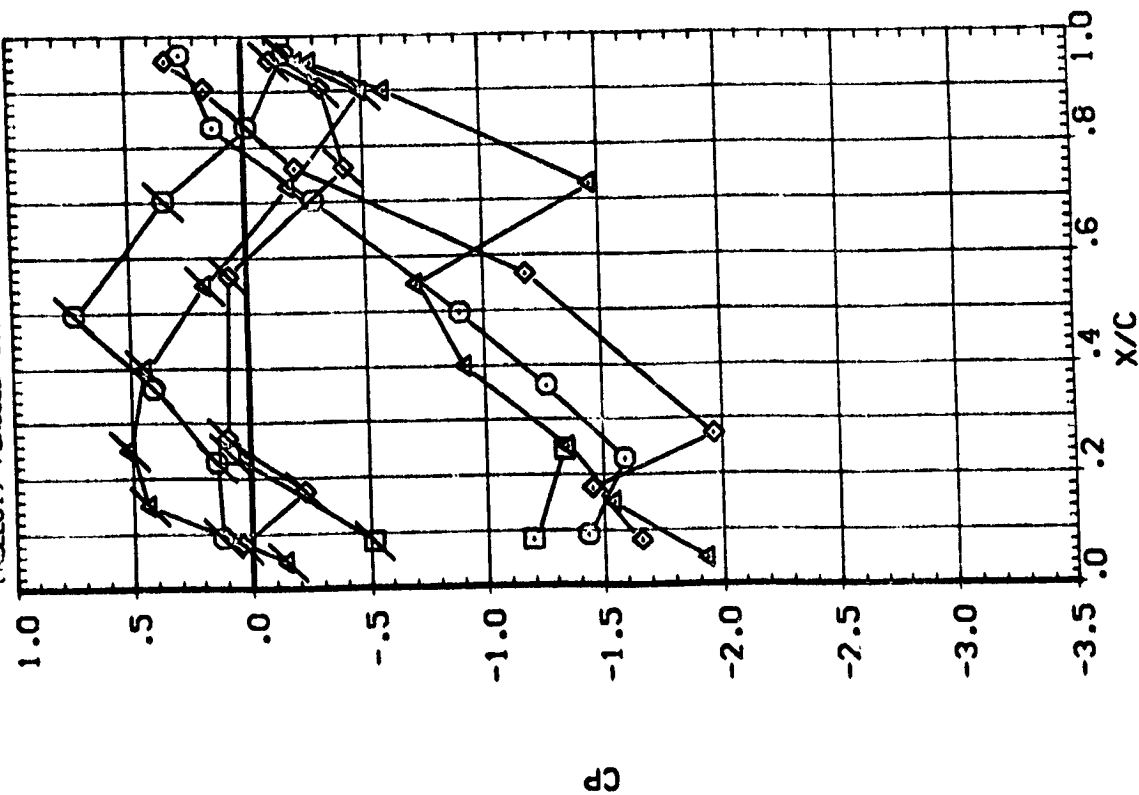
ELEVTR	-20.000	RUDDER	.000
RUOFLR	40.000	FLAP	-19.300

SYMBOL Y/B ALPHA BETA

○	.299	18.300	.000
□	.364		
◇	.427		
△	.534		

DATA SET SYMBOL CONFIG DESCRIPTION

B10C50742F1V67E18VSRS5G1	LEFT	UPPER WING
B10C50742F1V67E18VSRS5G1	LEFT	LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0



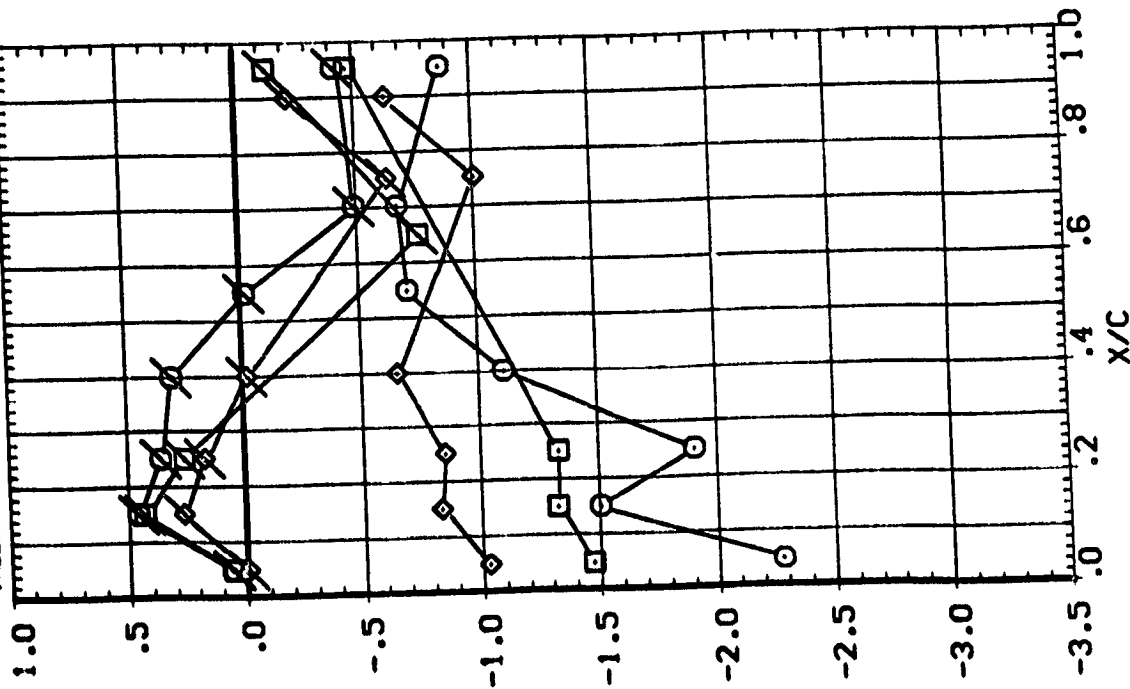
SYMBOL Y/B .673  
 .780  
 .887

ALPHA 18.300  
 BETA .000

PARAMETRIC VALUES  
 -20.000 RUDDER .000  
 40.000 FLAP -18.000

ELEVTR  
 RUFLR

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL04) OPEN 810C50702F1V67E18V5R5G1 LEFT UPPER WING  
 (ROLL04) FLAGGED 810C50702F1V67E18V5R5G1 LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0

PARAMETRIC VALUES

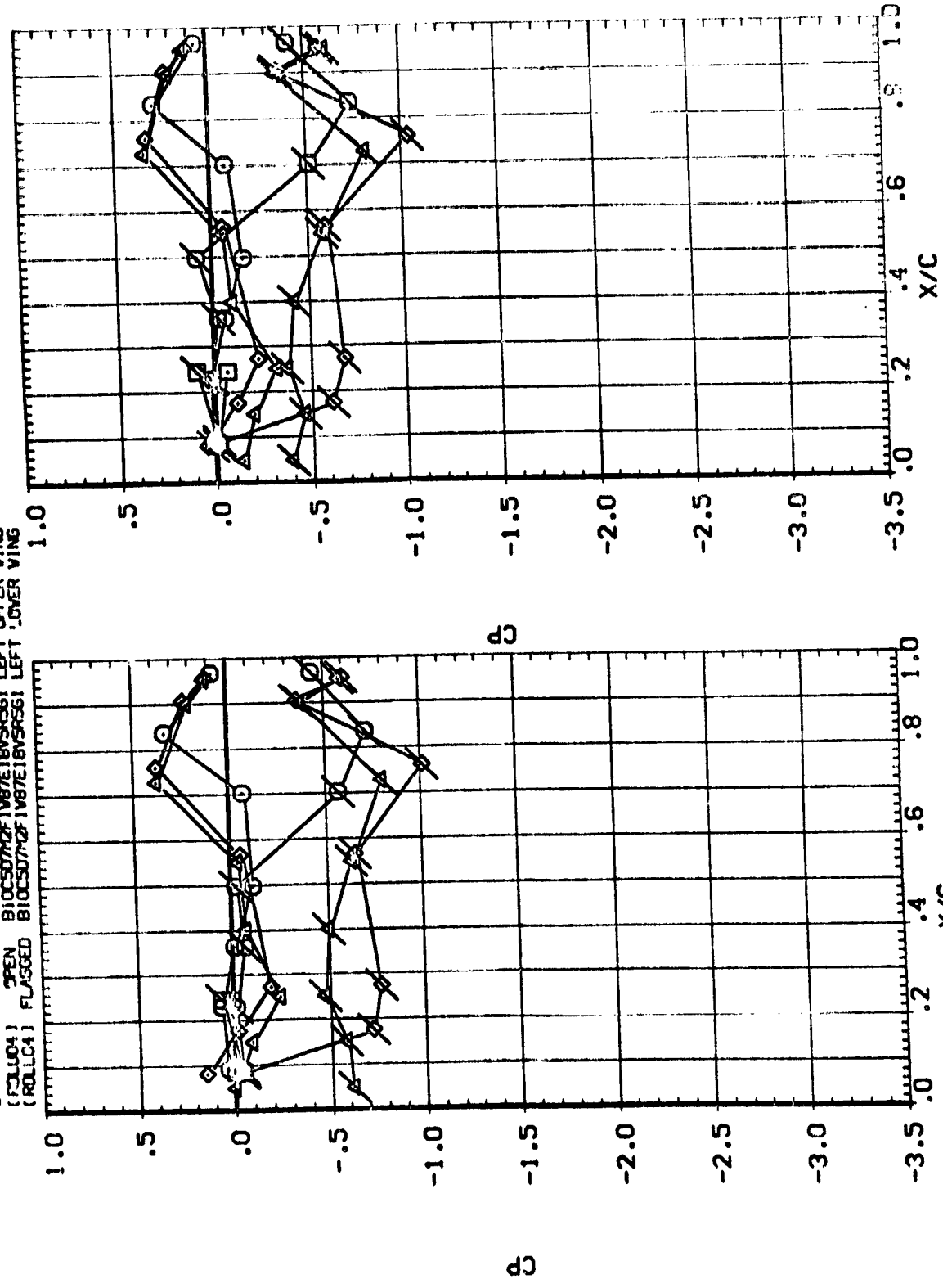
ELEVTR	-20.000	RUDDER	.000
RUOFLR	40.000	FLAP	-18.000

SYMBOL    V/B    ALPHA    BETA

○	.299	-3.030	5.000
□	.364	-1.010	
◇	.427		
△	.534		

DATA SET    SYMBOL    CONFIGURATION DESCRIPTION

(ROLL04)	OPEN	B10C507M2F1V87E18VSR5G1 LEFT UPPER VING
(ROLL04)	FLASSED	B10C507M2F1V87E18VSR5G1 LEFT LOWER VING



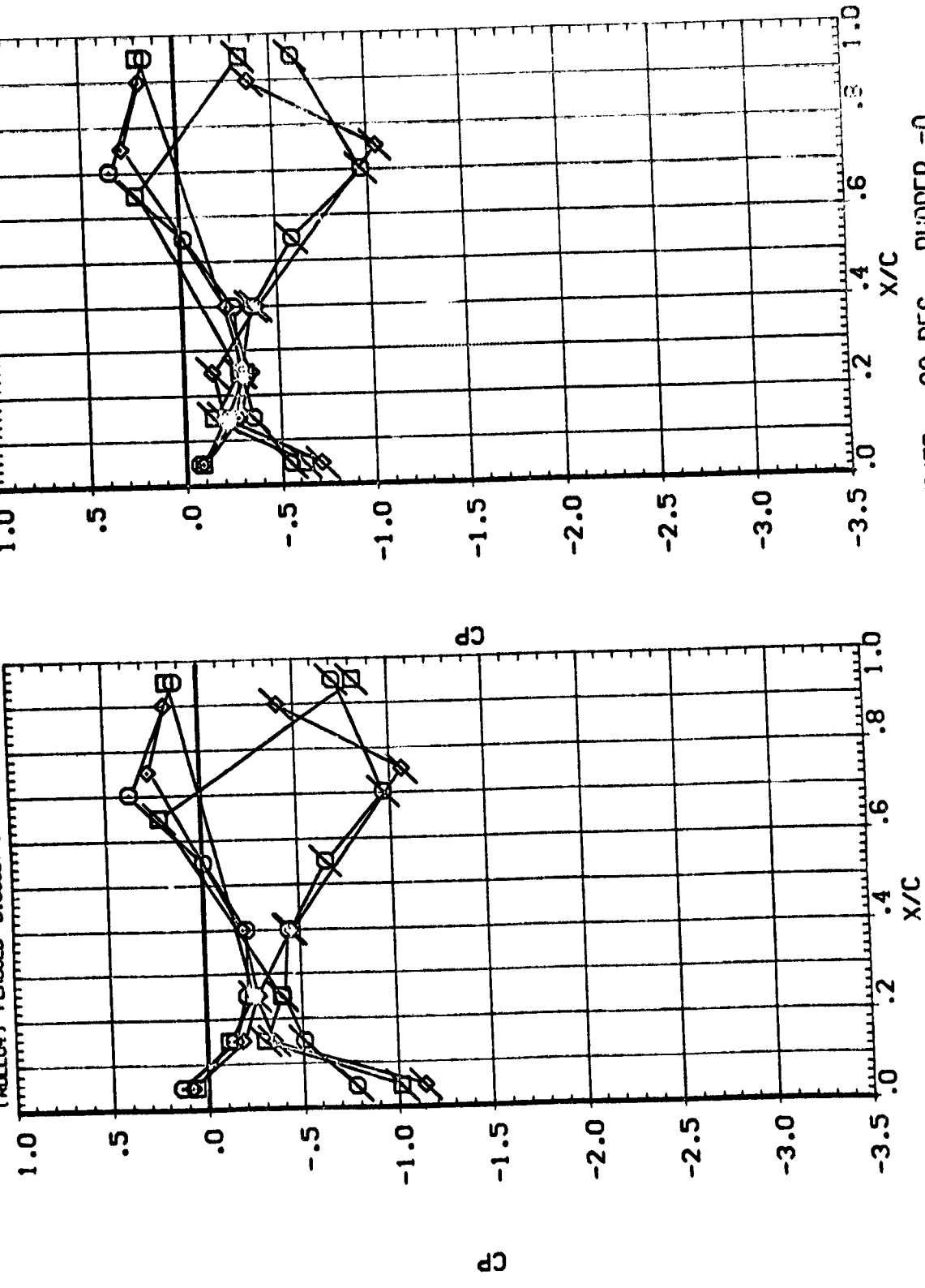
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0



PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUDFLR 40.000 FLAP -18.000

DATA SET SYMBOL ALPHA BETA  
 (ROLL04) OPEN -3.030 5.000  
 (ROLL04) FLAGGED -1.010  
 SYMBOL Y/B .673  
 .780  
 .887

CONFIGURATION DESCRIPTION  
 B10C5072CF187E18VSR5G1 LEFT UPPER VING  
 B10C5072CF187E18VSR5G1 LEFT LOWER VING



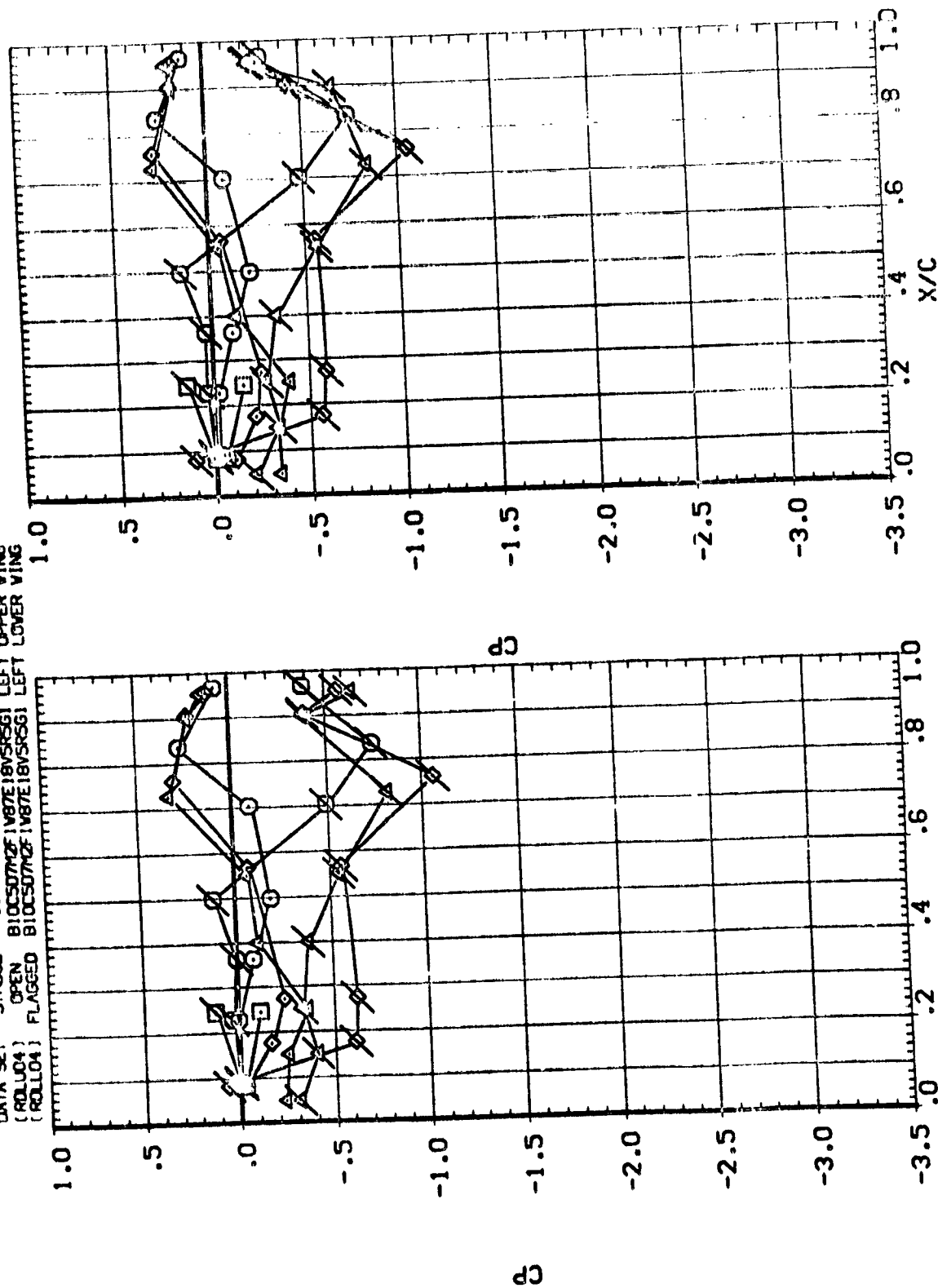
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0



PARAMETRIC VALUES  
 ELEVIR -20.000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

SYMBOL Y/B ALPHA BETA  
 .299 .010 5.000  
 .364 .990  
 .427  
 .534

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL04) OPEN B10C507M2F1V87E18VSRSG1 LEFT UPPER VING  
 (ROLL04) FLAGGED B10C507M2F1V87E18VSRSG1 LEFT LOWER VING



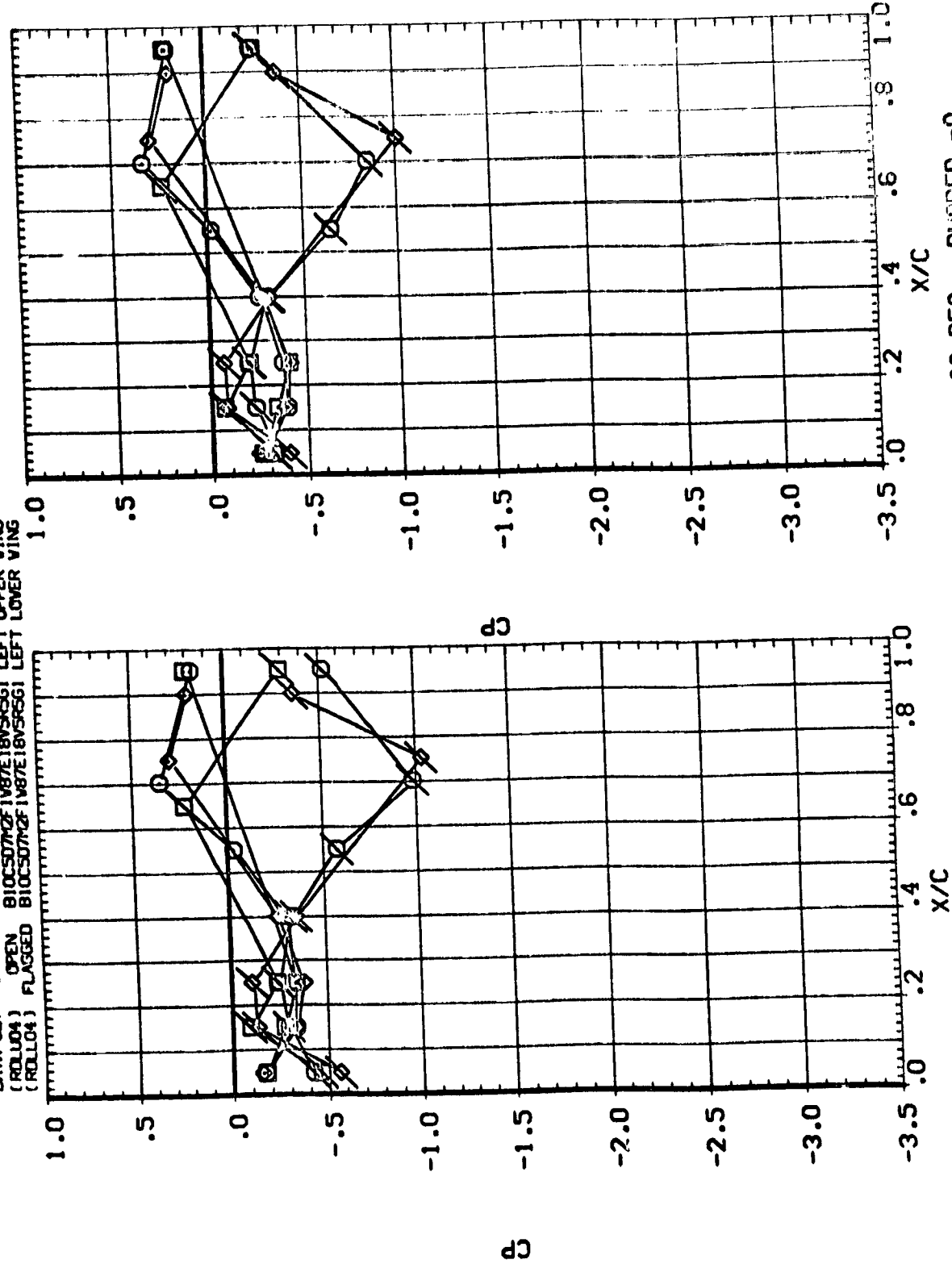
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVIR = -20 DEG., RUDDER = 0



SYMBOL  $\gamma/\delta$  ALPHA BETA  
 $\square$  .673 .010 5.000  
 $\square$  .780 .990  
 $\diamond$  .887

PARAMETRIC VALUES  
ELEVTR -20.000 RUDDER .000  
RUOFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
(ROLL04) OPEN B10C507MCF1V87E18VSRSG1 LEFT UPPER WING  
(ROLL04) FLAGGED B10C507MCF1V87E18VSRSG1 LEFT LOWER WING

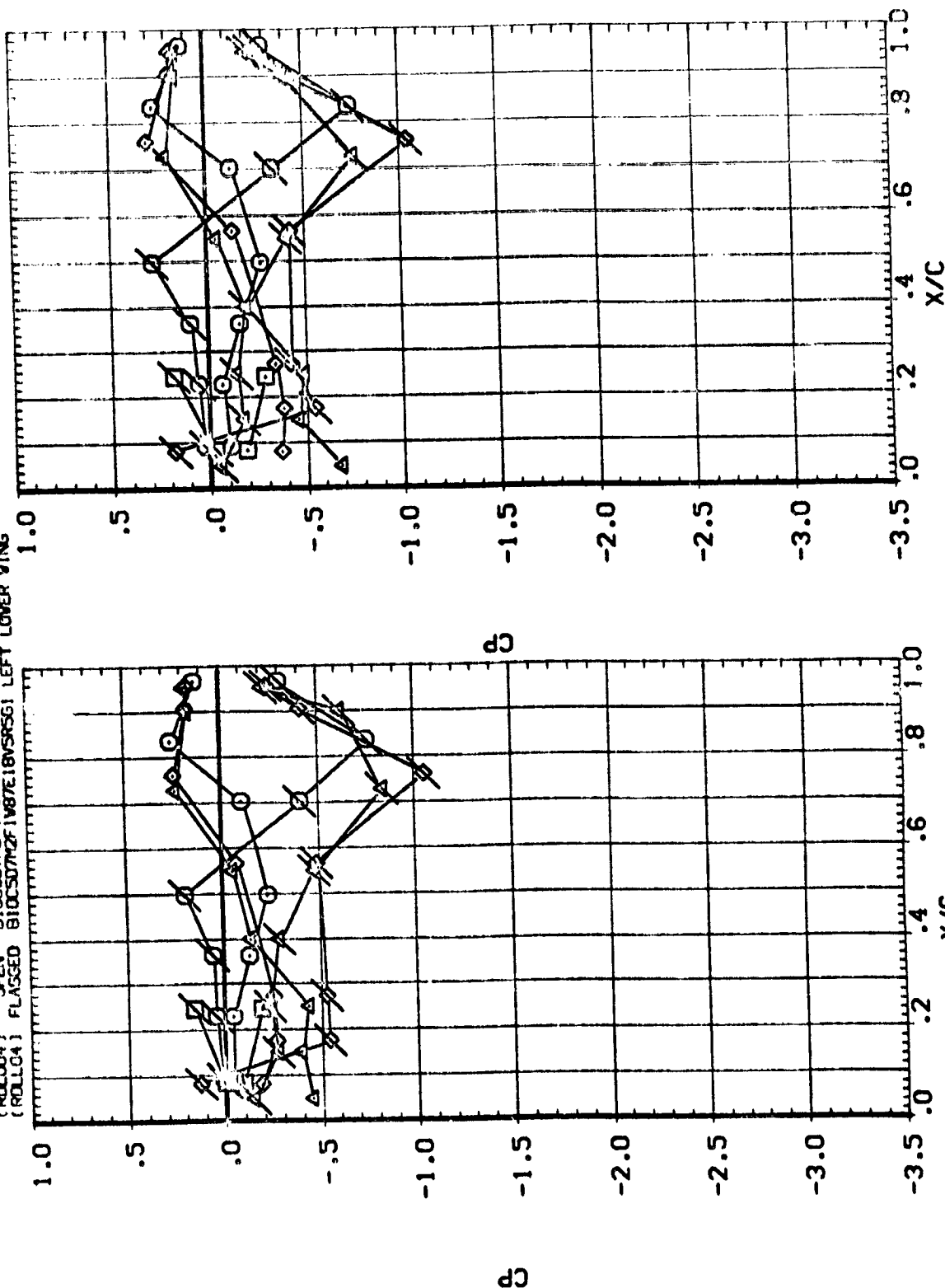


CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUDDLR 40.000 FLAP -13.000

SYMBOL  $\gamma/\beta$  ALPHA BETA  
 ○ .299 2.020 5.000  
 □ .364 4.020  
 ◇ .427  
 △ .534

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL04) OPEN 810C507MZF1V87E18VS0SG1 LEFT UPPER WING  
 (ROLL04) FLAGGED 810C507MZF1V87E18VS0SG1 LEFT LOWER WING

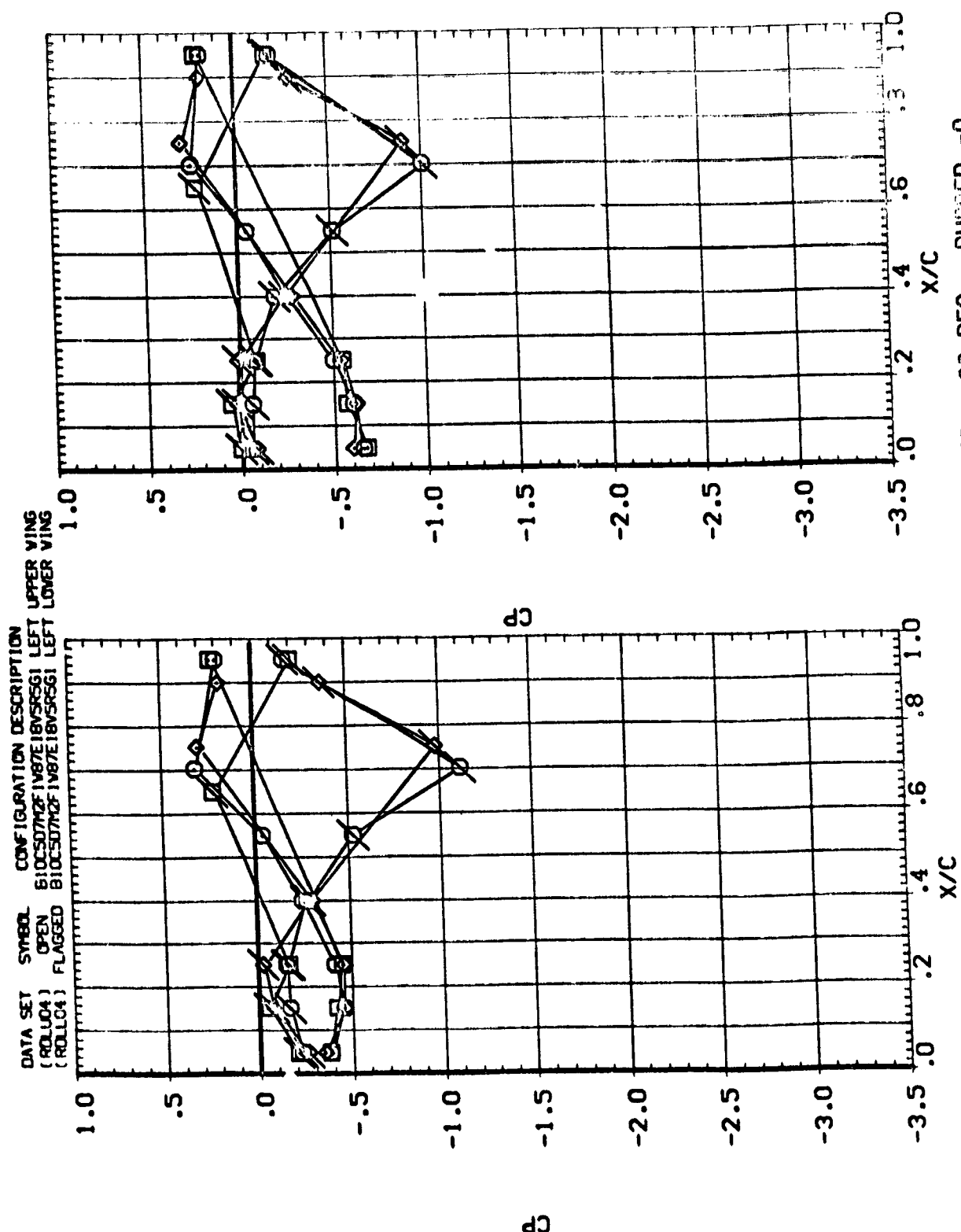


CHORDWISE PRESSURE DISTRIBUTION ON THE WING. ELEVTR = -20 DEG., RUDDER = 0



SYMBOL Y/B ALPHA BETA  
 ○ .673 2.020 5.000  
 □ .780 4.020  
 ◇ .887

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUOFFL 40.000 FLAP -18.000



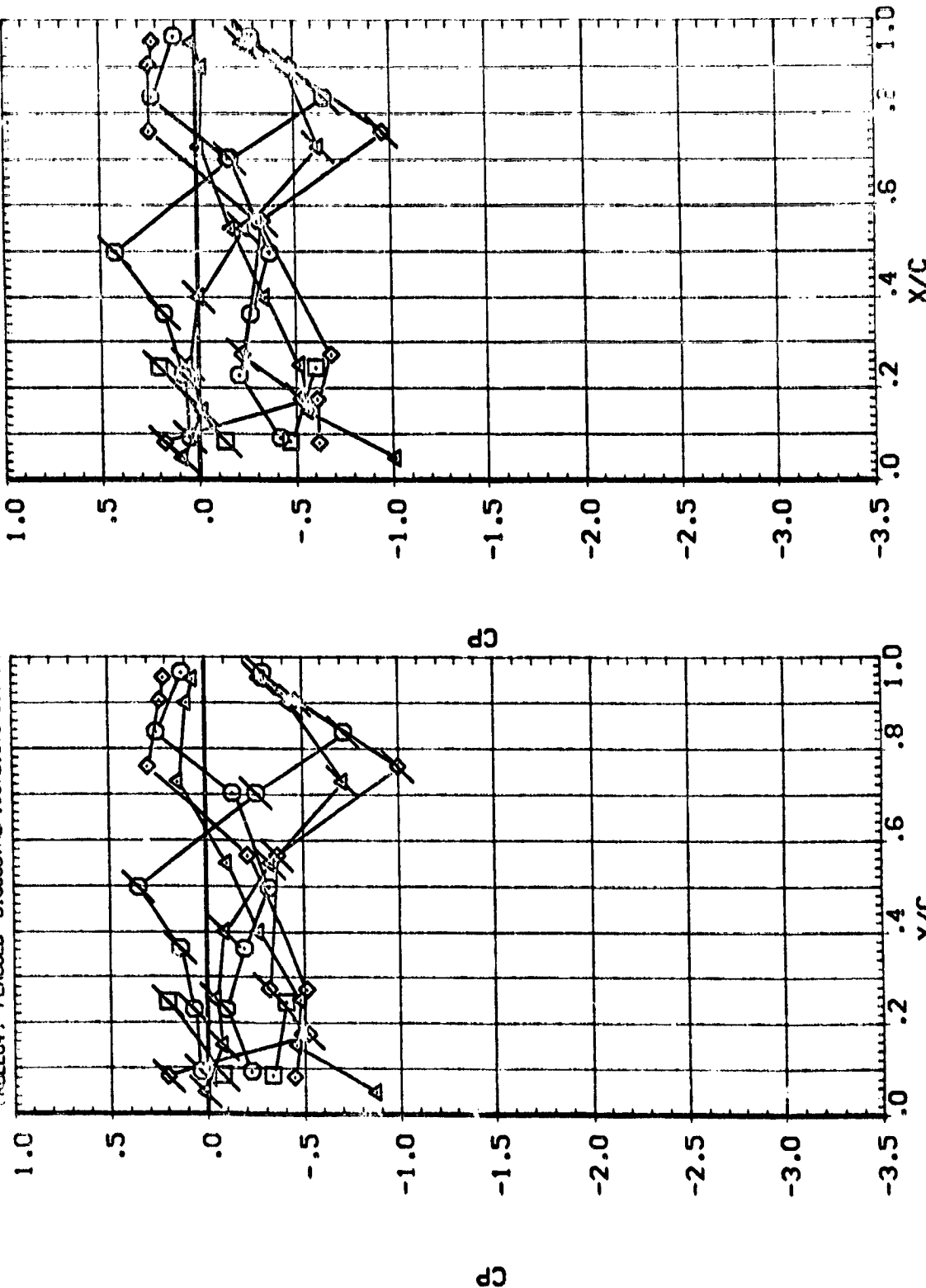
CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0  
 PAGE 501

SYMBOL Y/B  
 .299  
 .364  
 .427  
 .534

ALPHA BETA  
 6.070 5.000  
 8.120

PARAMETRIC VALUES  
 ELEVTR -20.000 RUDDER .000  
 RUDDLR 40.000 CLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL04) OPEN B10C507MZF1V87E16VSRSG1 LEFT UPPER VING  
 (ROLL04) FLAGGED B10C507MZF1V87E16VSRSG1 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0

PARAMETRIC VALUES

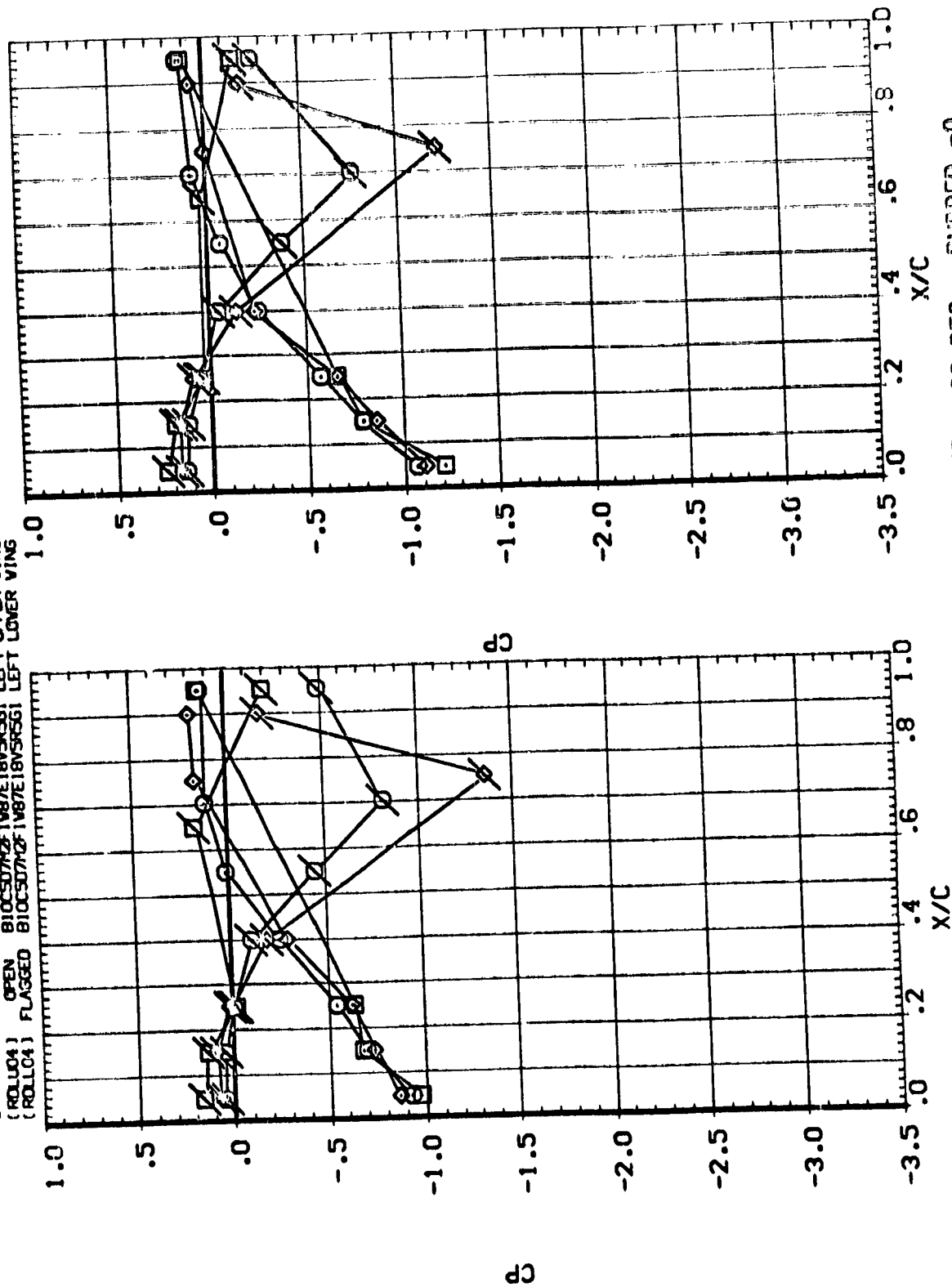
ELEVTR	RUDFLR	-20.000	40.000	RUDER	FLAP	.000	-18.000

SYMBOL Y/B ALPHA BETA

SYMBOL	Y/B	ALPHA	BETA
○	.673	6.070	5.000
□	.780	8.120	
◇	.887		

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(ROLL04)	OPEN	B10C5D7M2F1V87E18V5R5G1
	FLAGGED	B10C5D7M2F1V87E18V5R5G1
		LEFT UPPER VING
		LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDER = 0

SYMBOL  
 ○  
 □  
 ◇  
 △

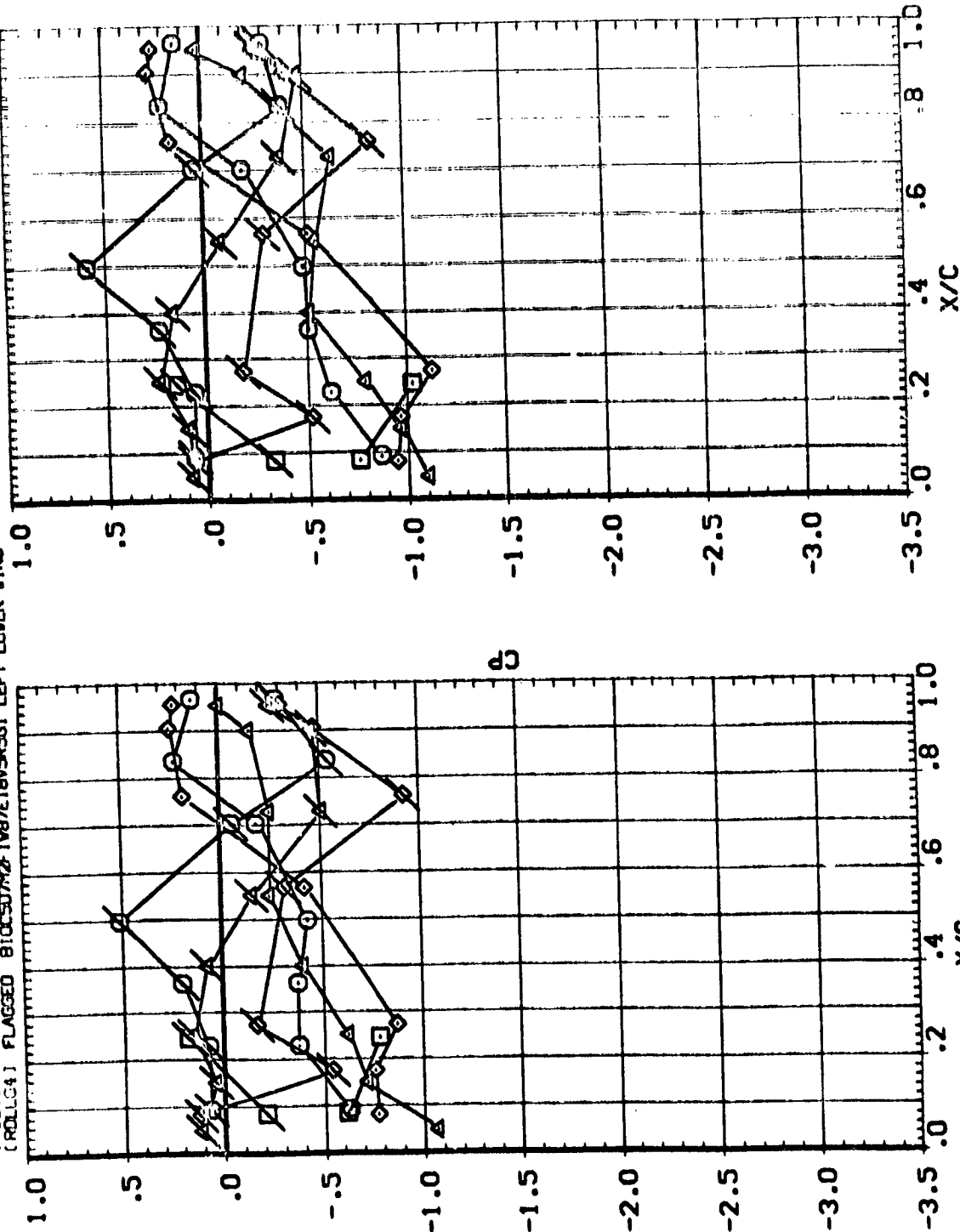
V/B  
 .299  
 .364  
 .427  
 .534

ALPHA  
 10.160  
 12.180

BETA  
 5.000

PARAMETRIC VALUES  
 ELEVTR -20.000  
 RUDDER 40.000  
 FLAP -10.000  
 RUDDER 40.000  
 FLAP -10.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL 4) OPEN 8100507MZF1V87E18VSXSG1 LEFT UPPER VING  
 (ROLL 4) FLAGGED 8100507MZF1V87E18VSXSG1 LEFT LOWER VING

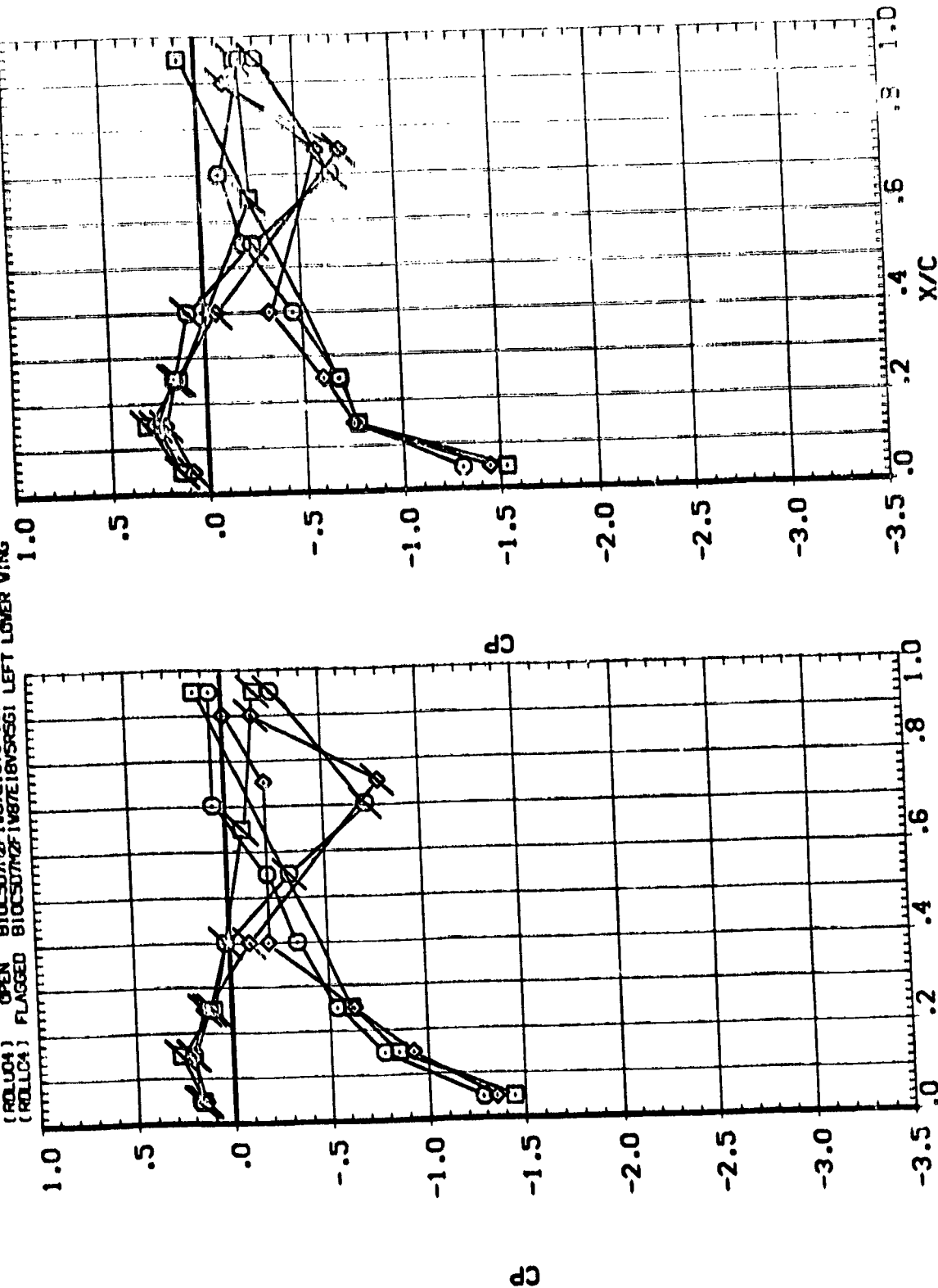


CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0

PARAMETRIC VALUES  
 ELEVIR 20.000  
 RUDDER 0.000  
 FLAP 13.000

SYMBOL V/B ALPHA BETA  
 .673 10.160 5.000  
 .780 12.180  
 .887

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL 4) OPEN B10C5D7MZF1V87E18VSF5G1 LEFT UPPER WING  
 (ROLL 4) FLAGGED B10C5D7MZF1V87E18VSF5G1 LEFT LOWER WING



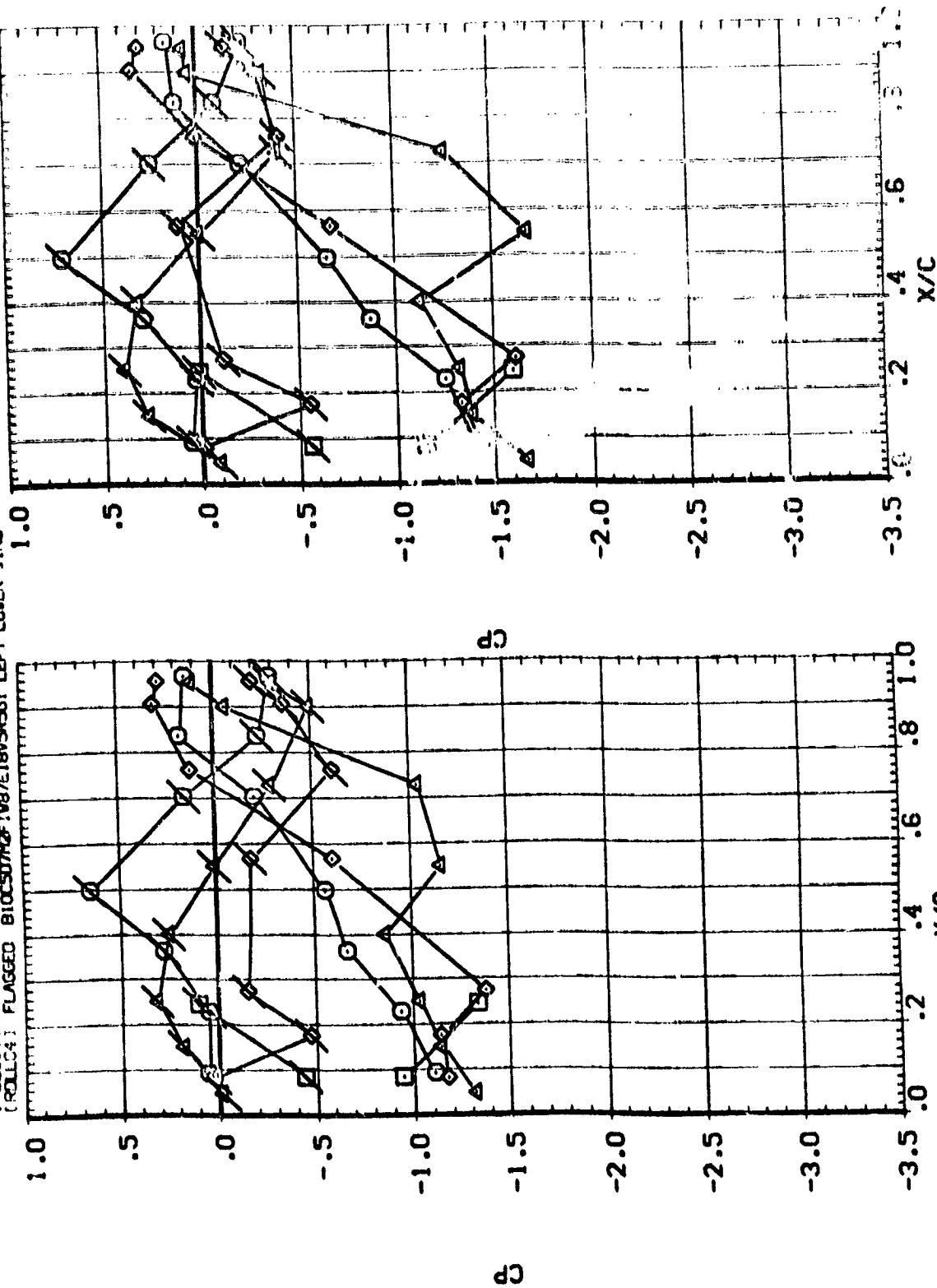
C' WISE PRESSURE DISTRIBUTION ON THE WING, ELEVIR = -20 DEG., RUDDER = 0



PARAMETRIC VALUES  
 ELEVTR -20.000 20.000  
 >0FLR 40.000 0.000  
 FLAP -10.000

SYMBOL  $\alpha/\beta$  ALPHA BETA  
 .299 14.220 5.000  
 .364 16.250  
 .427  
 .534

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 [RELOC1] OPEN BLOC507/CF:1V87E18VSR5G1 LEFT UPPER WING  
 [RELOC4] FLAGGED BLOC507/CF:1V87E18VSR5G1 LEFT LOWER WING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING. ELEVTR = -20 DEG., RUDDER = 0



SYMBOL  $\gamma/\beta$

○ .673

□ .780

◇ .987

ALPHA 14.220

BETA 5.000

16.250

PARAMETRIC VALUES

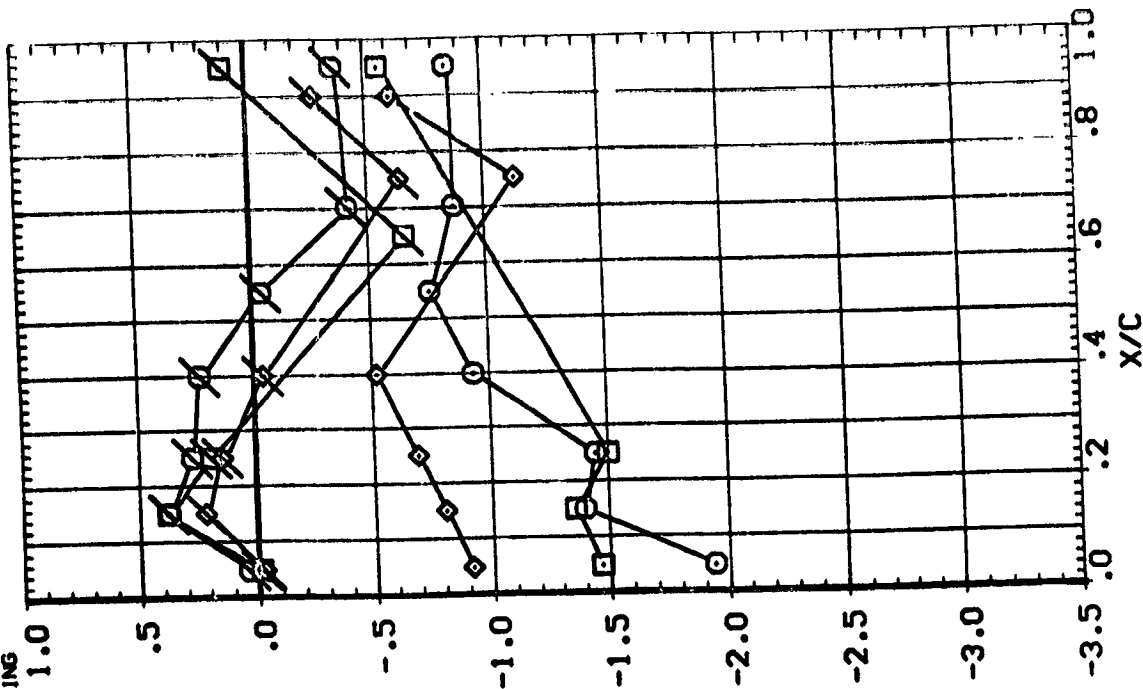
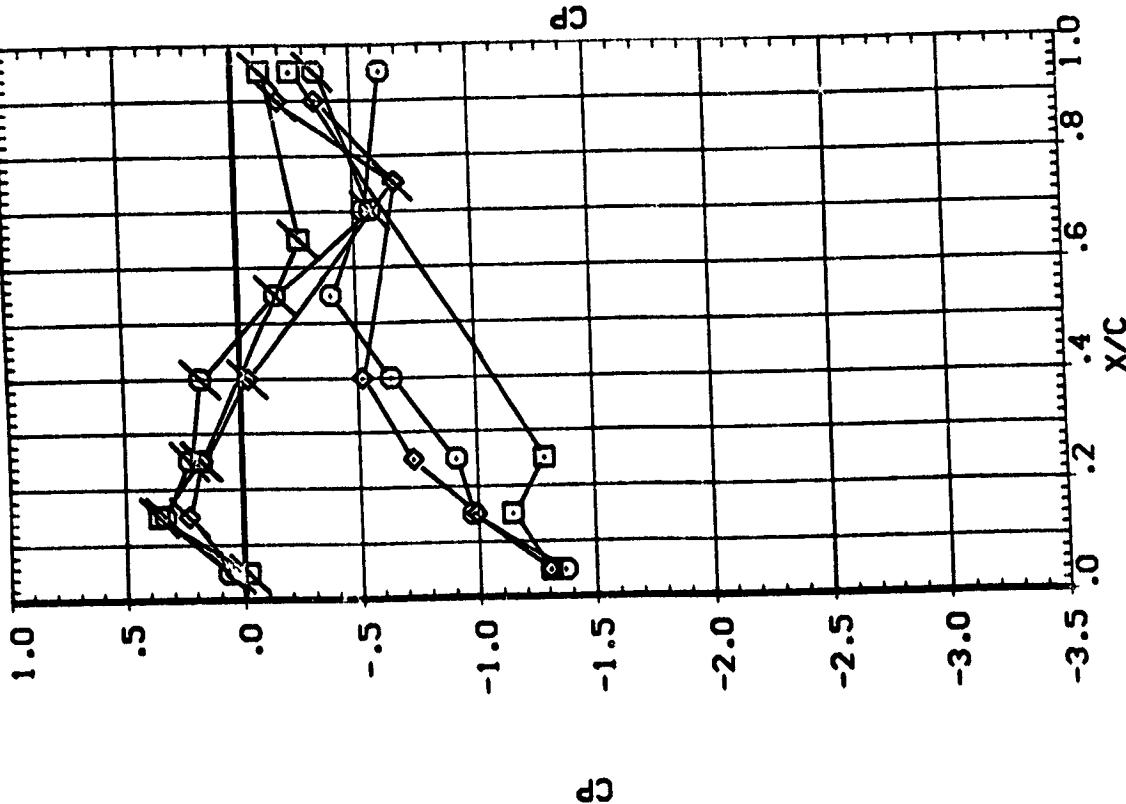
ELEVTR -20.000 RUDGER .000

RUDFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION

810050742F1187E18VS5G1 LEFT UPPER VING

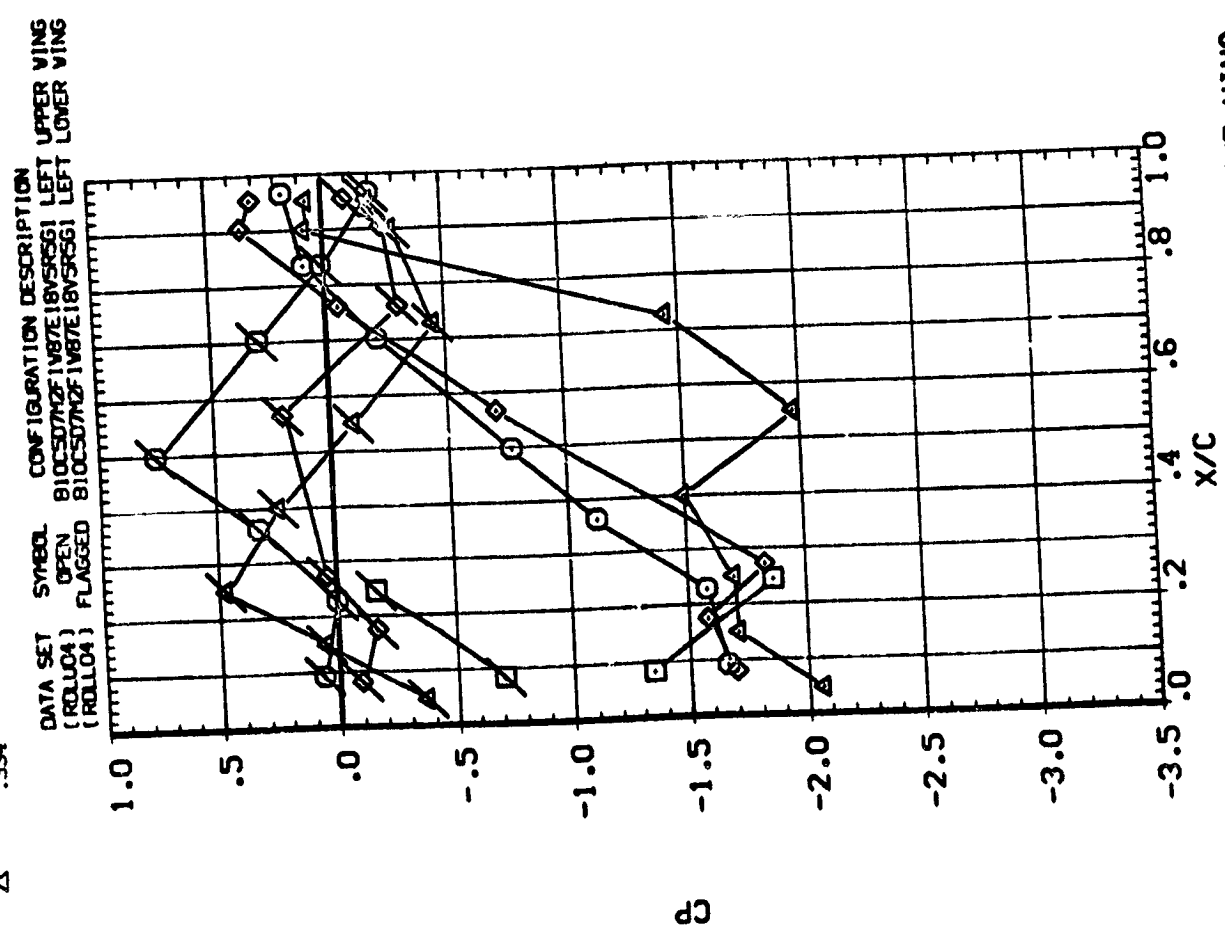
810050742F1187E18VS5G1 LEFT LOWER VING



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDGER = 0

ELEVTR  
 RUDDLR  
 PARAMETRIC VALUES  
 -20.000 RUDDER  
 40.000 FLAP  
 .000  
 -19.000

SYMBOL Y/B ALPHA BETA  
 .299  
 .364  
 .427  
 .534  
 18.280 5.000



CHORDWISE PRESSURE DISTRIBUTION ON THE WING, ELEVTR = -20 DEG., RUDDER = 0  
 PAGE 538

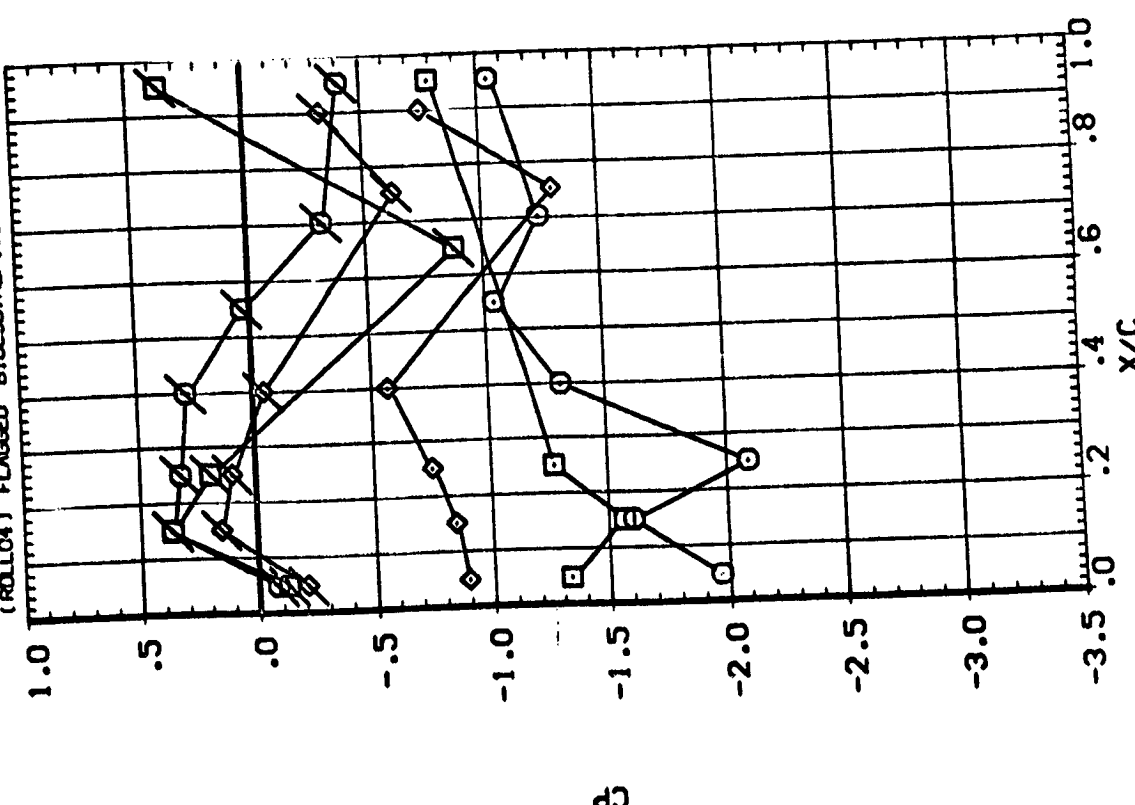


PARAMETRIC VALUES  
 -20.000 RUDDER  
 40.000 FLAP  
 .000  
 -19.000

ELEVTR  
 RUFLUR

SYMBOL Y/B ALPHA BETA  
 .673 18.280 5.000  
 .780  
 .887

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL04) OPEN B10C5D7MZF1V87E18VSK561 LEFT UPPER VING  
 (ROLL04) FLAGGED B10C5D7MZF1V87E18VSK561 LEFT LOWER VING

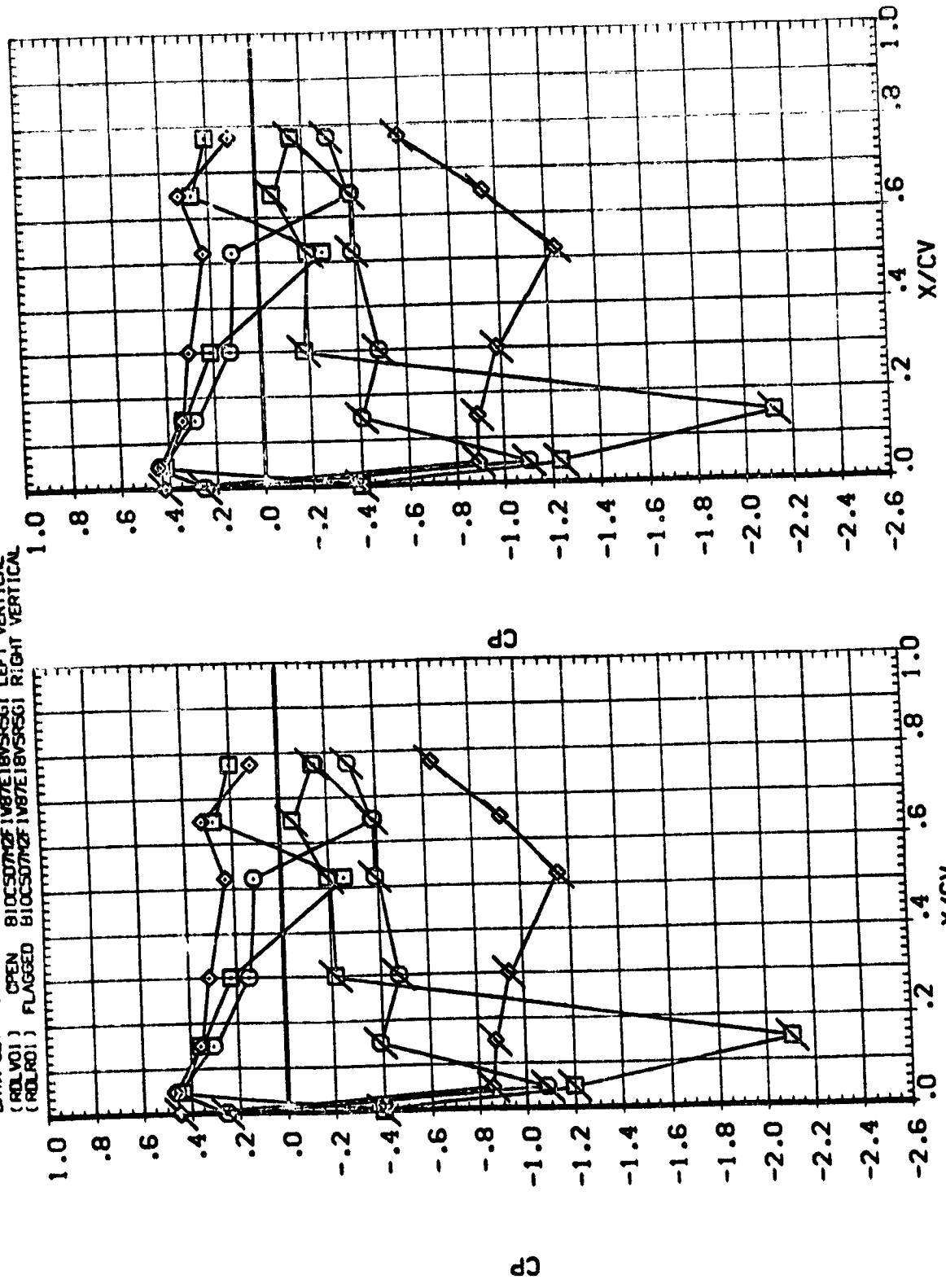


RUDFLUR 40.000  
 RUDER 0.000  
 FLAP -19.000

ELEVTR  
 RUDFLUR

SYMBOL Z/5V ALPHA BETA  
 .158 -3.040 -10.050  
 .316 -1.020  
 .600

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RDLV01) OPEN B10C507MZF1V87E1BVSXSG1 LEFT VERTICAL  
 (RDLV01) FLAGGED B10C507MZF1V87E1BVSXSG1 RIGHT VERTICAL



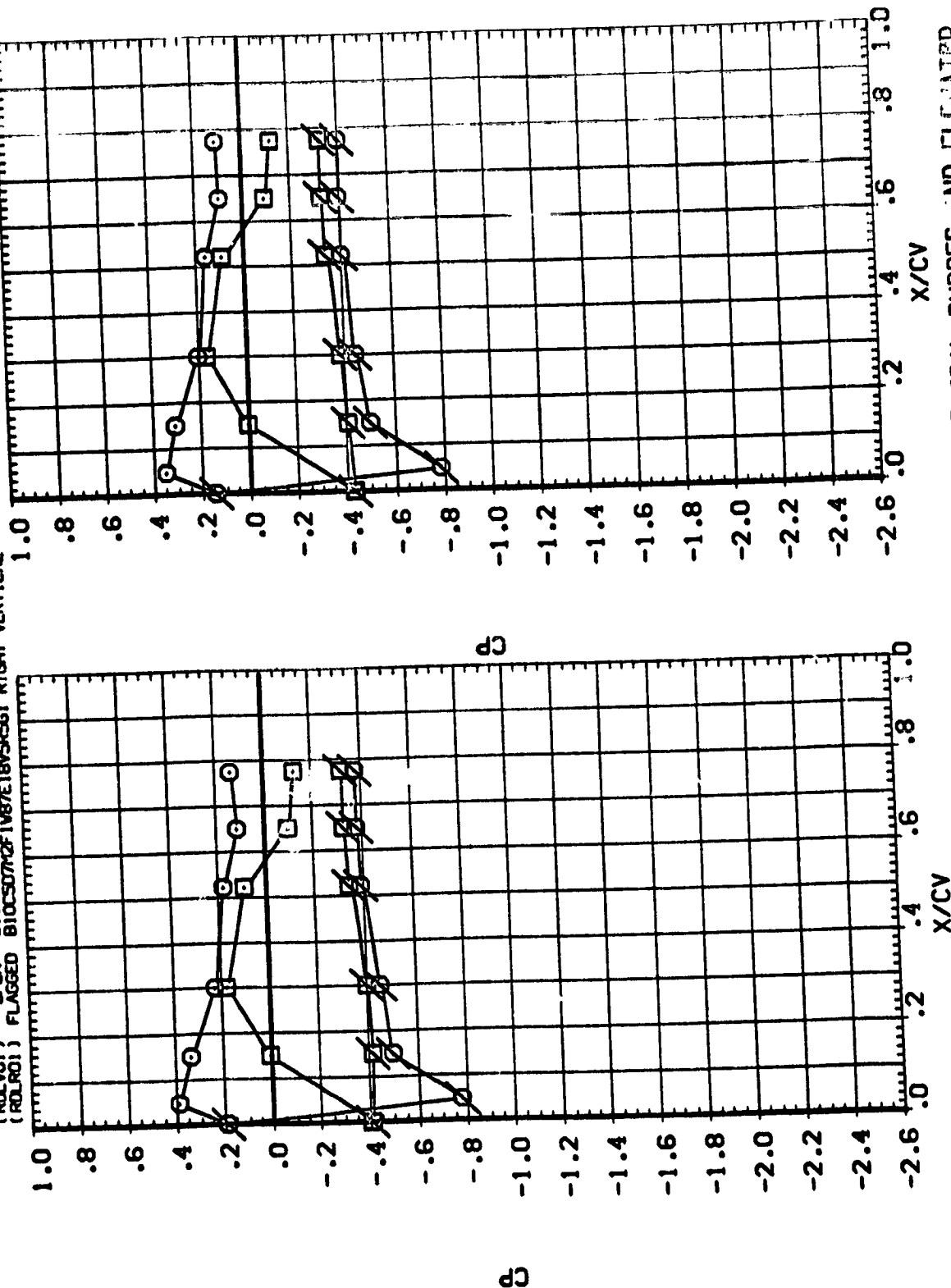
CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 540



SYMBOL Z/BV ALPHA BETA  
 ○ .840 -3.040 -10.050  
 □ .925 -1.020

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -19.000

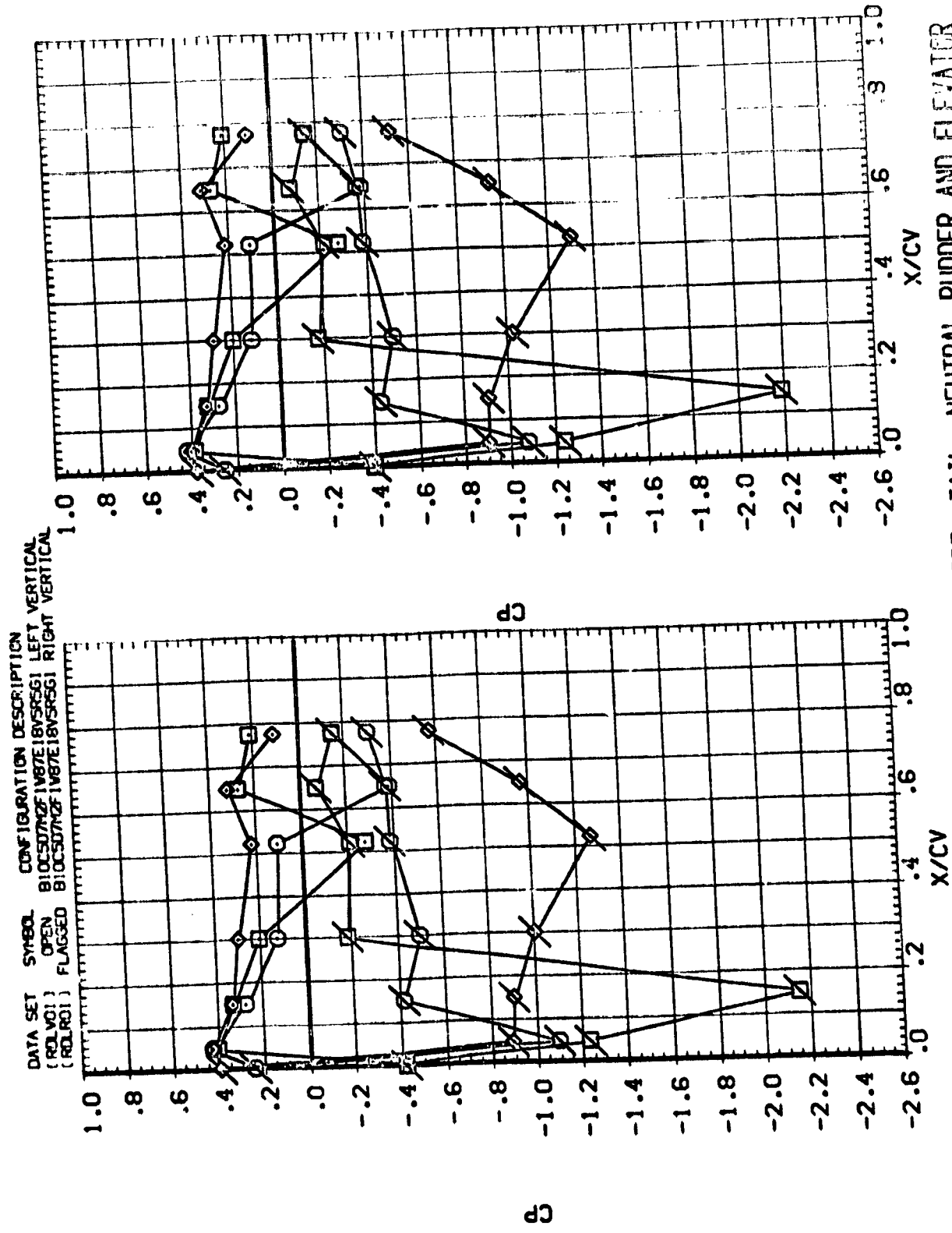
DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLV01) OPEN B10C507M2F1V87E18V5R5G1 LEFT VERTICAL  
 (ROLV01) FLAGGED B10C507M2F1V87E18V5R5G1 RIGHT VERTICAL



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES  
 .000 .000 .000  
 40.000 20.000 -19.000  
 ELEVTR RUDDER FLAP

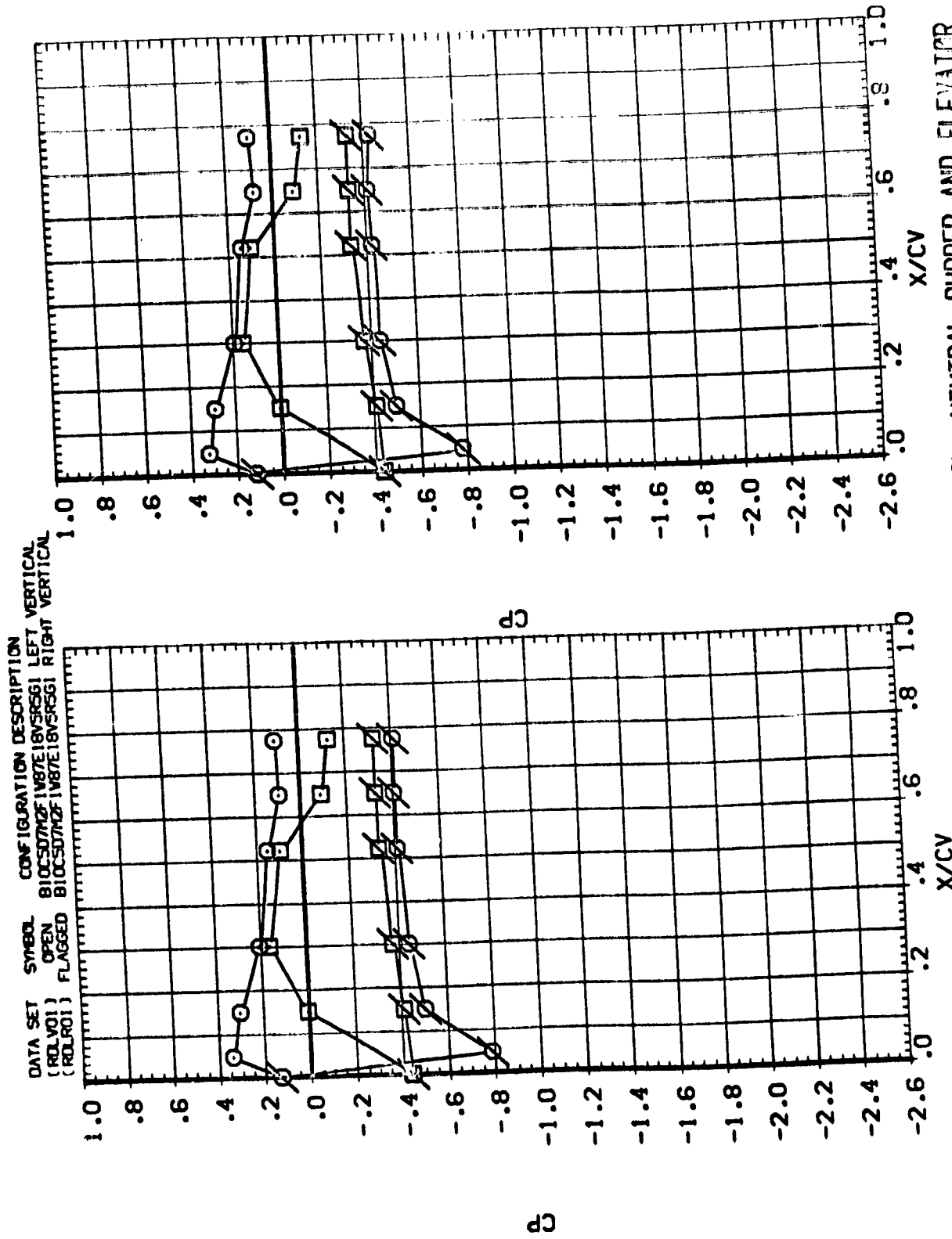
SYMBOL Z/BV ALPHA BETA  
 .158 .030 -10.050  
 .316 1.000  
 .600



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR

SYMBOL Z/3V ALPHA BETA  
 O .840 .030 -10.050  
 □ .925 1.000

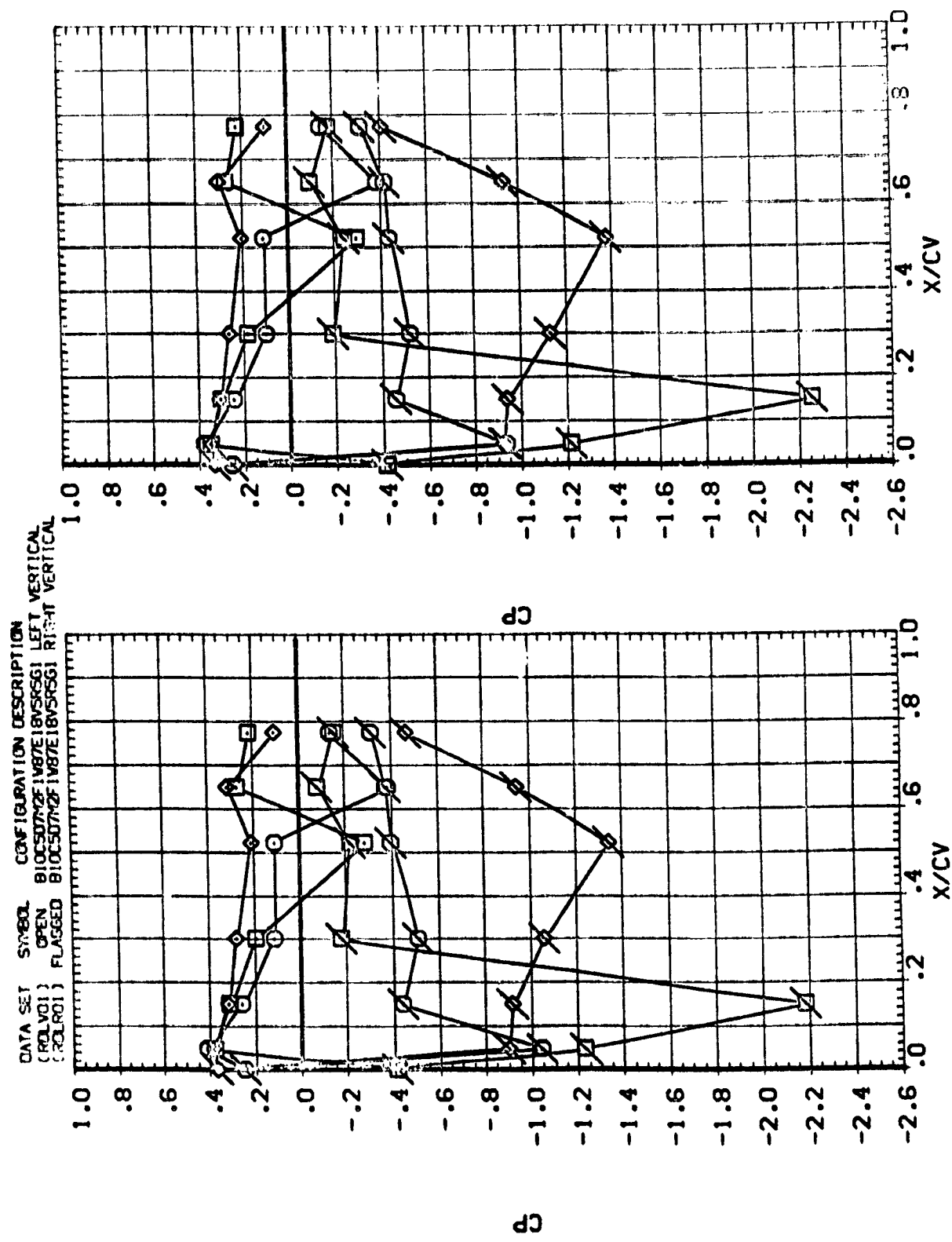
PARAMETRIC VALUES  
 ELEVTR .000  
 RUDDTR .000  
 RUDDFL 40.000  
 FLAP -18.000





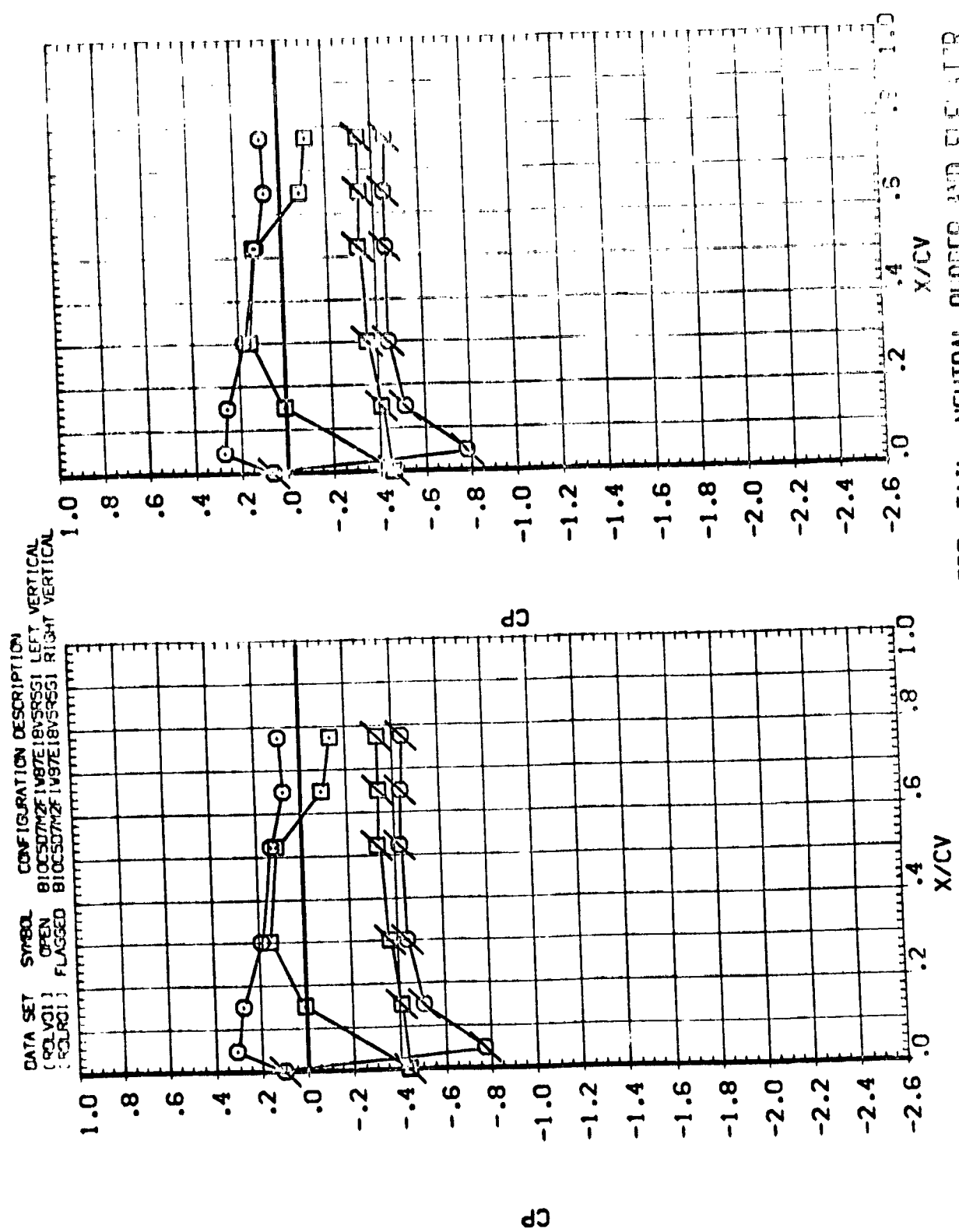
PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOTLR 40.000 FLAP -12.000

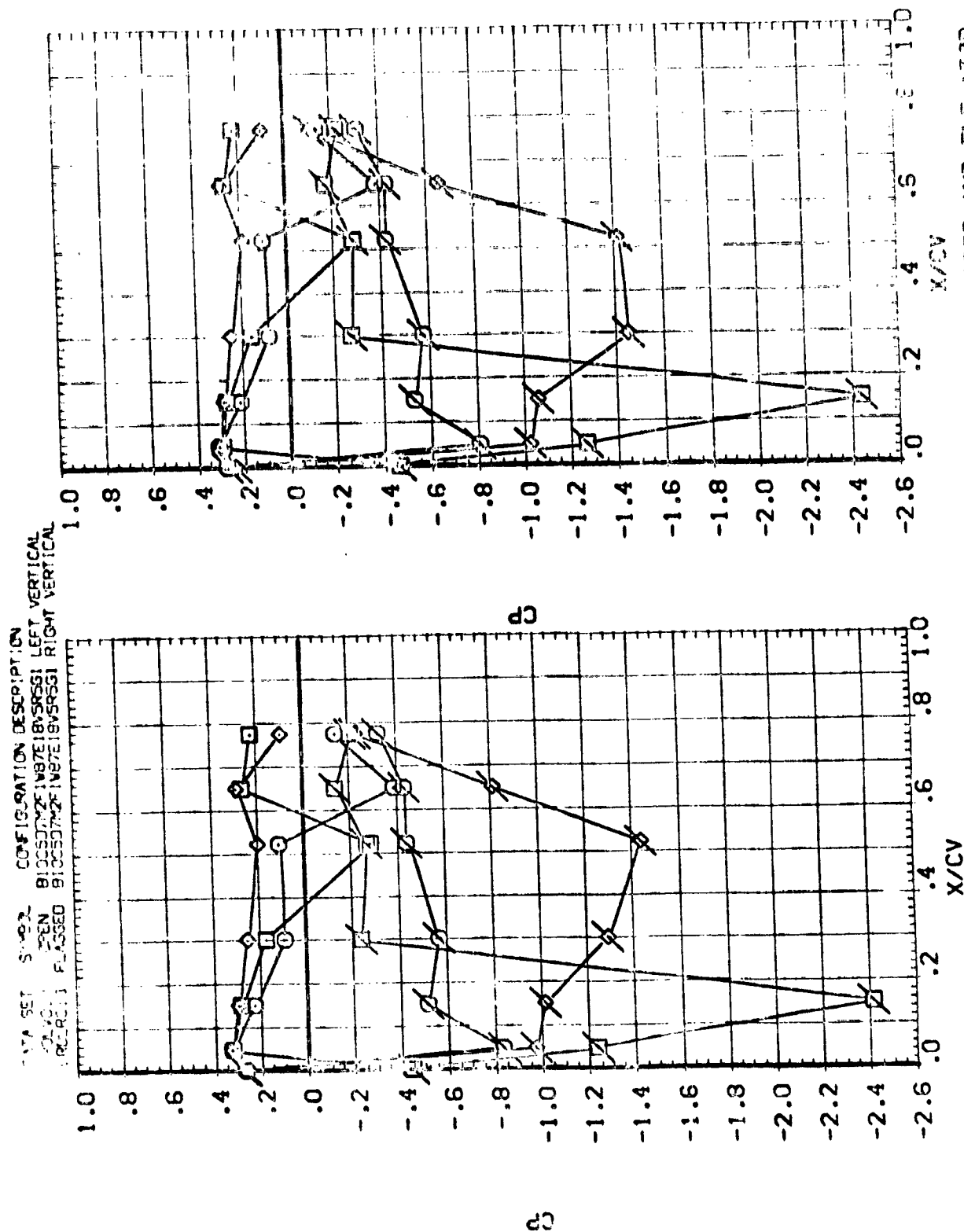
SYMBOL Z/BV ALPHA BETA  
 ○ 1.58 1.950 -10.050  
 □ .316 4.050  
 ◇ .600



PARAMETRIC VALUES  
 ELEVTR .000 2.000 100  
 P.OFLR 40.000 12.100

SYMBOL Z/BV ALPHA BETA  
 .840 1.990 -10.050  
 .525 4.050



[illegible]

X/CV  
CHRONISE PRESSURE DISTRIBUTION ON THE VERT. TAIL. NEUTRAL RUDER AND ELE VTR  
CASE 515

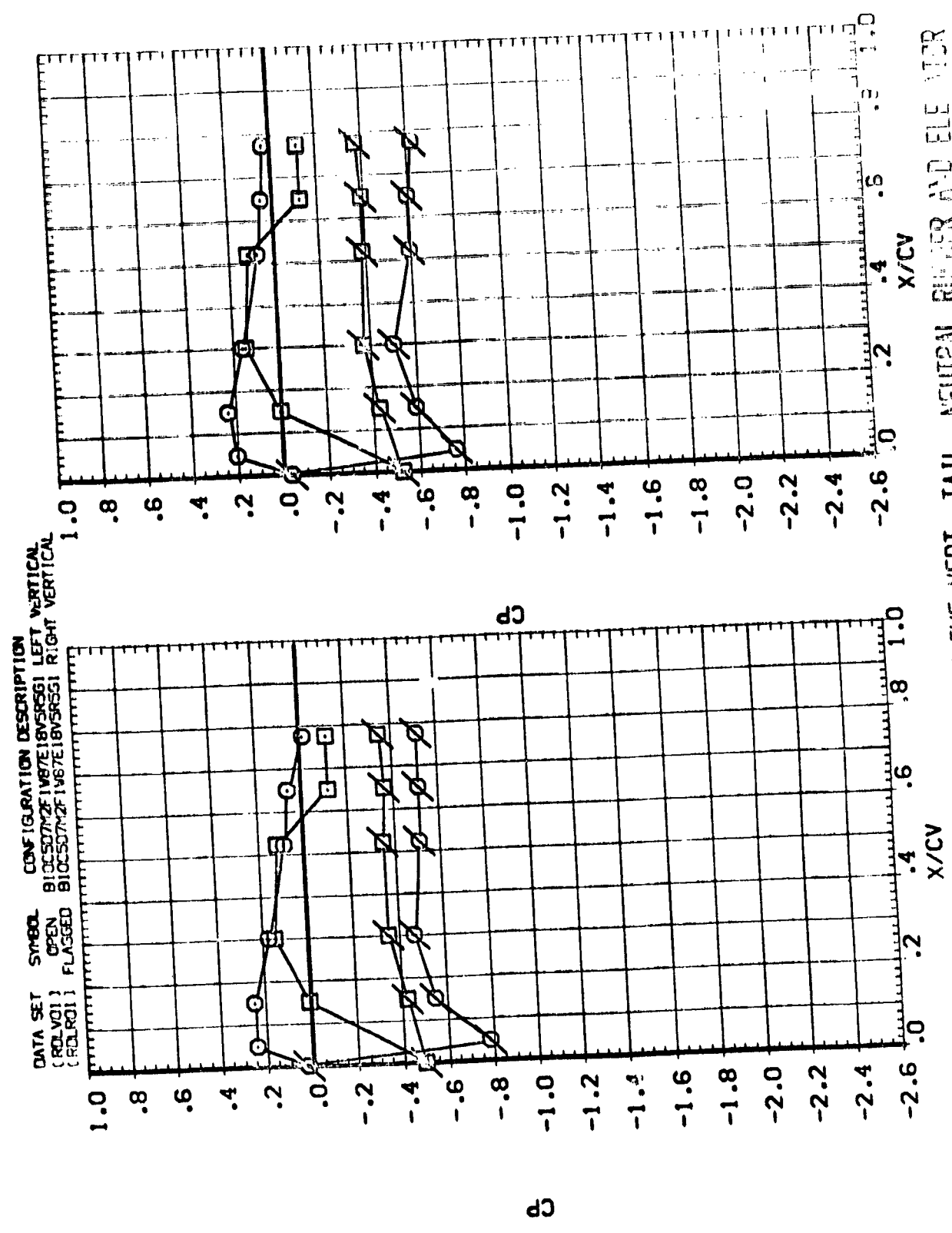


SYMBOL Z/BV  
 .840  
 .925

ALPHA BETA  
 6.100 -10.050  
 8.120

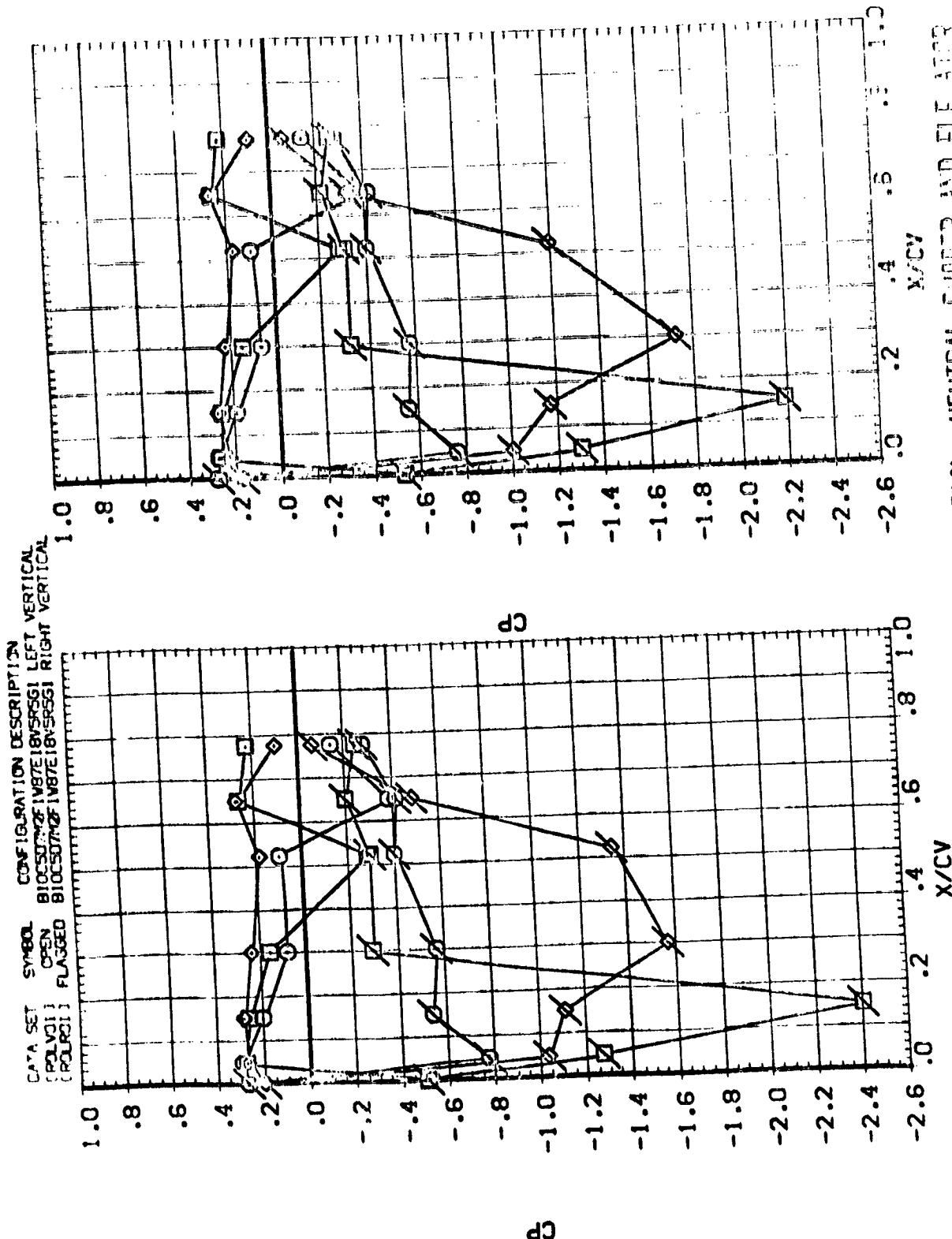
ELEVIR  
 RUOFLR

PARAMETRIC VALUES  
 .000 RUOSES  
 40.000 FLAP  
 .000  
 -18.000



ELEVTR 2.00R  
 PARAMETRIC VALUES  
 1000 2.0000  
 1000 2.0000  
 1000 2.0000

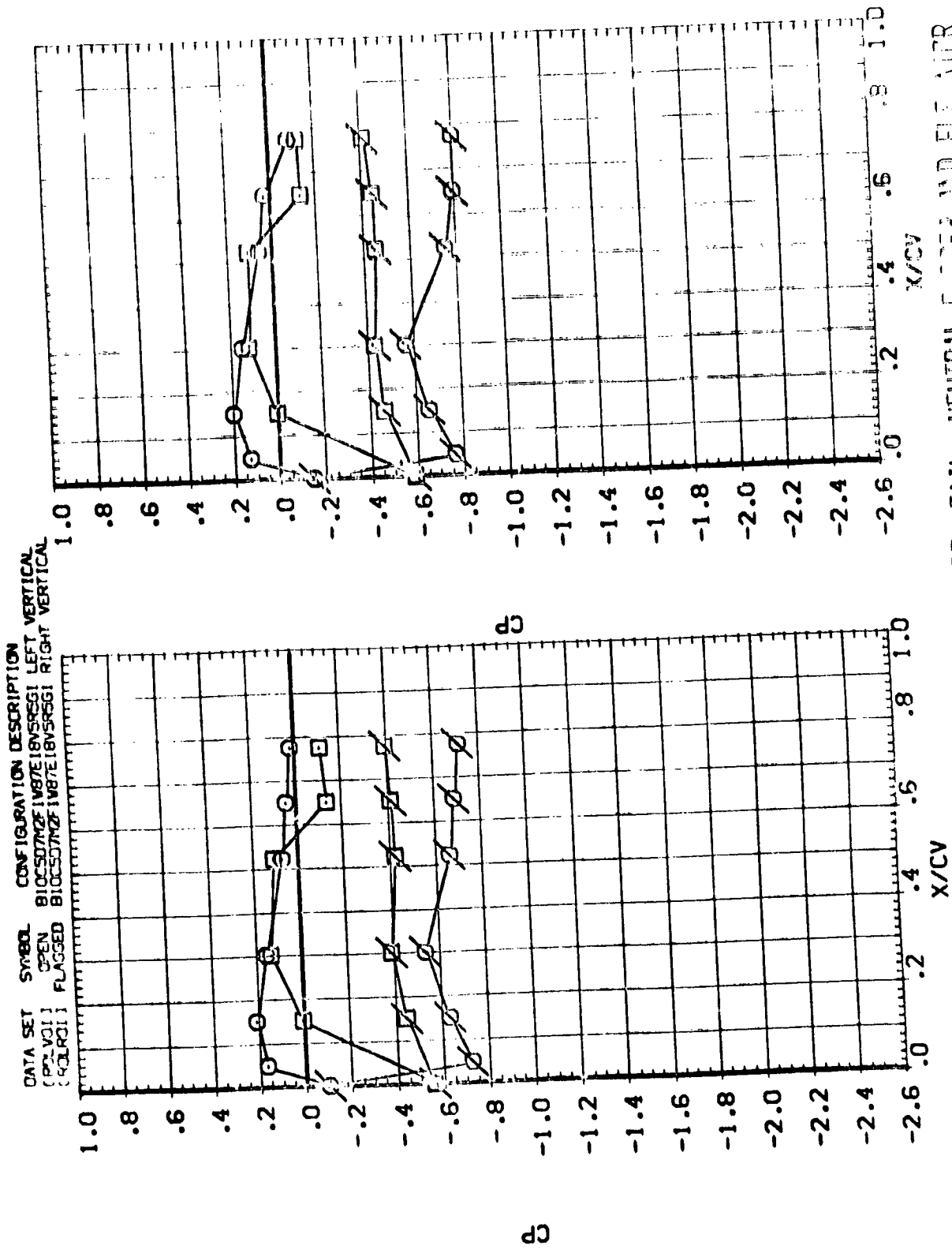
SYMBOL Z/3V ALPHA BETA  
 1.158 10.130 -10.050  
 2.16 12.190  
 1.501





SYMBOL Z/BV ALPHA BETA  
 .843 10.130 -10.050  
 .325 12.180

ELEVIR 40.000 0.000 0.000  
 2.0FLR 40.000 0.000 -18.000

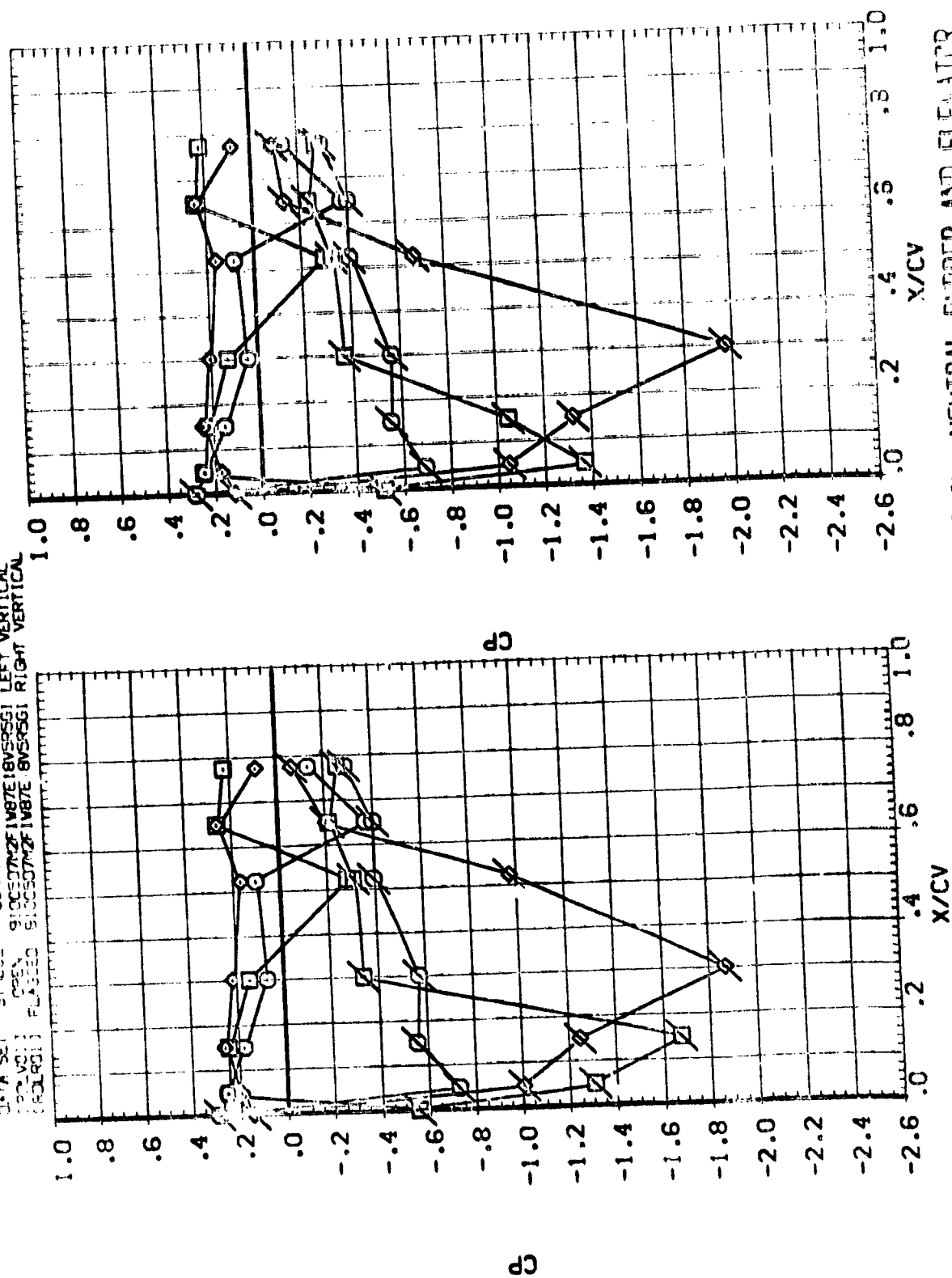


CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RIDGER AND ELE VTR

11-11-61

4-24  
4.23C  
16.250

DATA SET	SY-ACC-	CONFIGURATION	DESCRIPTION
001-VOL 1	NOVA	9106507MZF1V87E	18VSRS5G1 LEFT
002-VOL 2	NOVA	9106507MZF1V87E	8VSRS5G1 RIGHT
003-VOL 3	FLASHER		



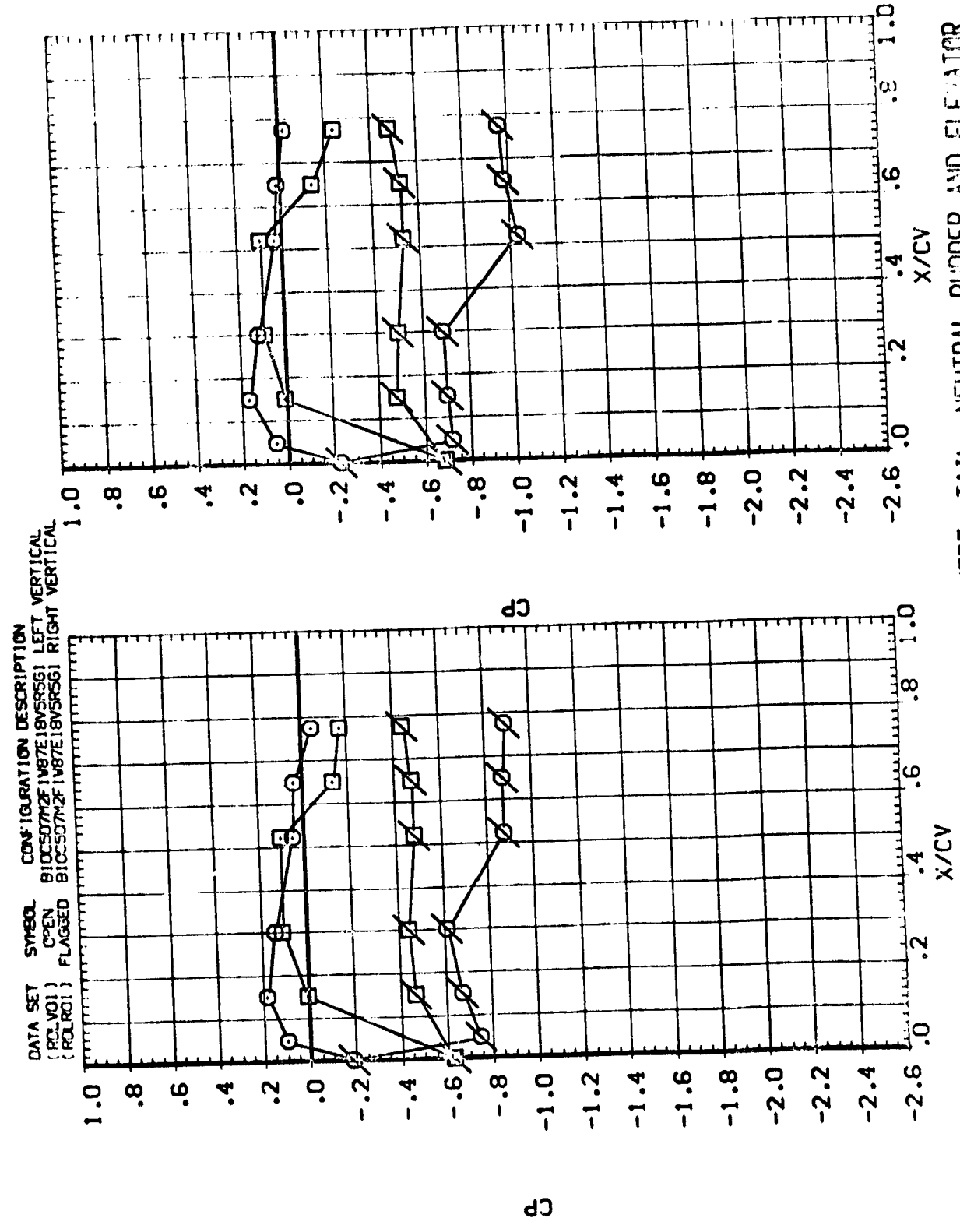
CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR

11-11-61

SYMBOL Z/BV  
 ○ .840  
 □ .925

ALPHA BETA  
 14.230 -10.050  
 16.250

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUDFLR 40.000 FLAP -18.000

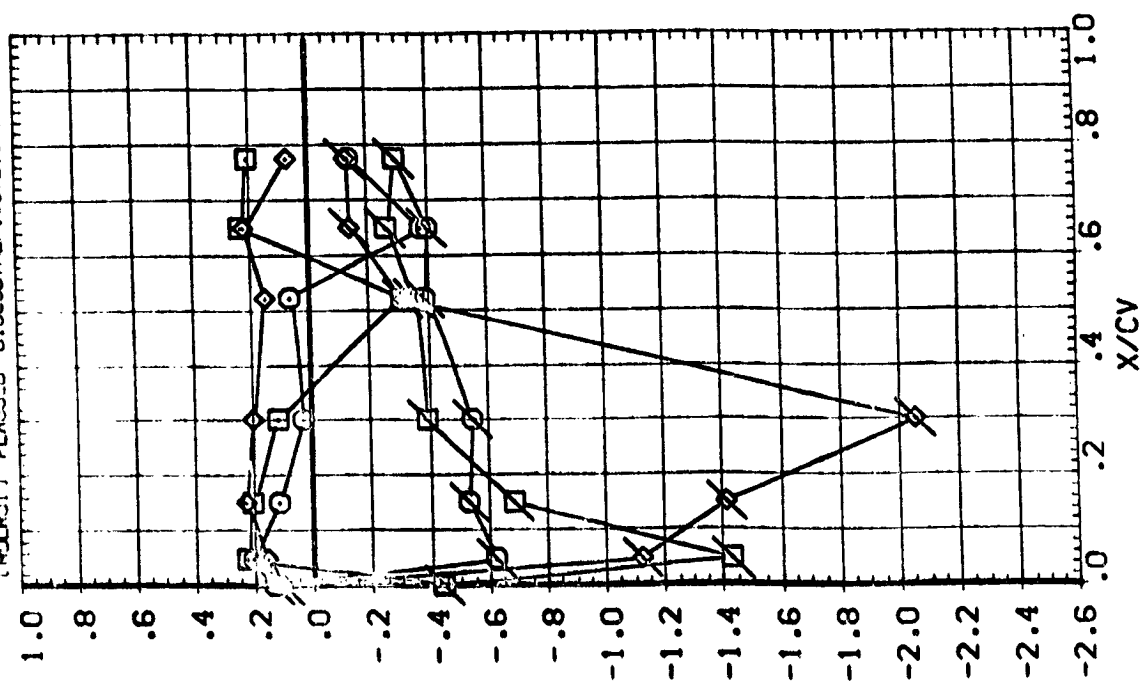




SYMBOL Z/BV A<sub>0</sub>-A<sub>0</sub> BETA  
 .158 8.260 -10.150  
 .316  
 .600

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 A0FLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (POLV01) OPEN B10C507MZF1V87E18VSR561 LEFT VERTICAL  
 (POLV01) FLAGGED B10C507MZF1V87E18VSR561 RIGHT VERTICAL

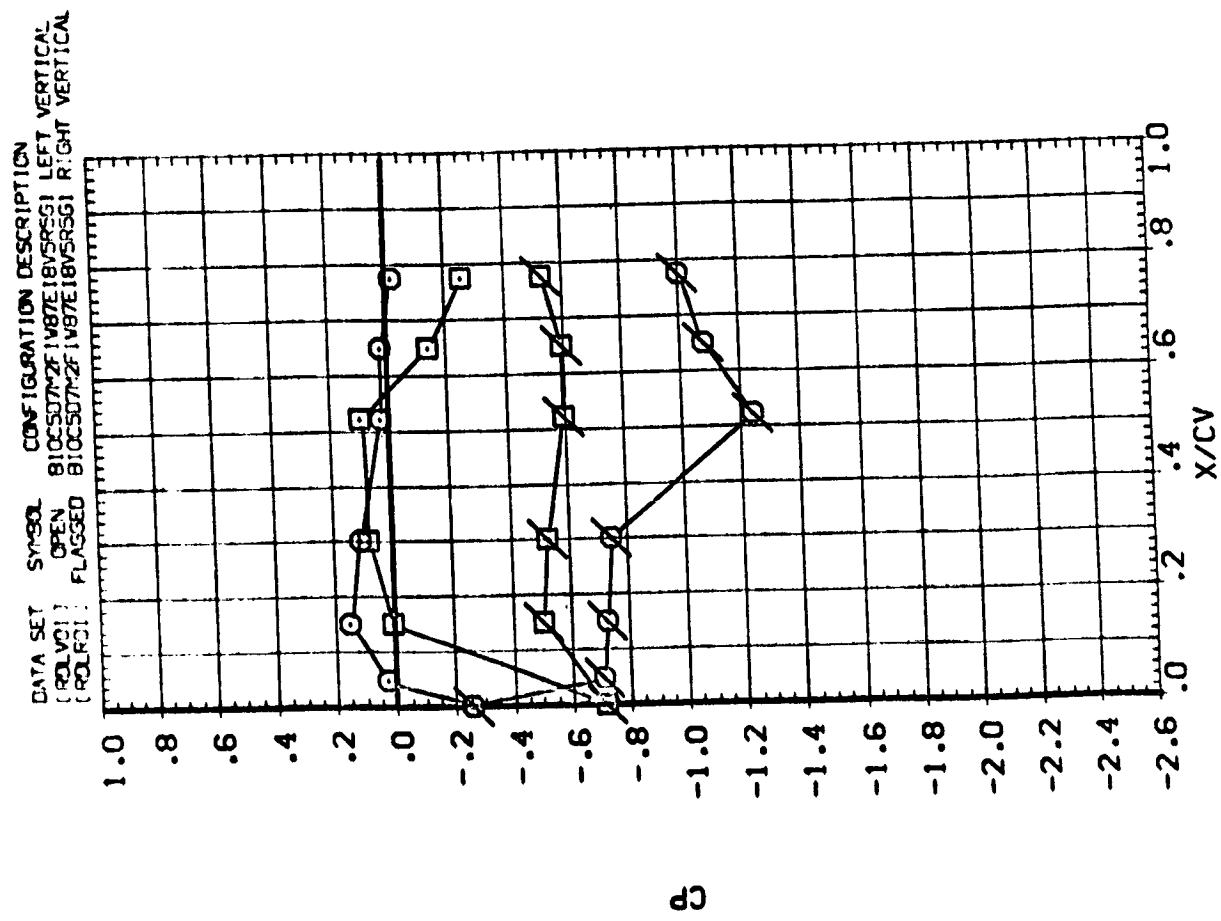


CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 552

PARAMETRIC VALUES  
 .000 RUDDER  
 40.000 FLAP  
 .000

ELEV/R  
 RUDDER

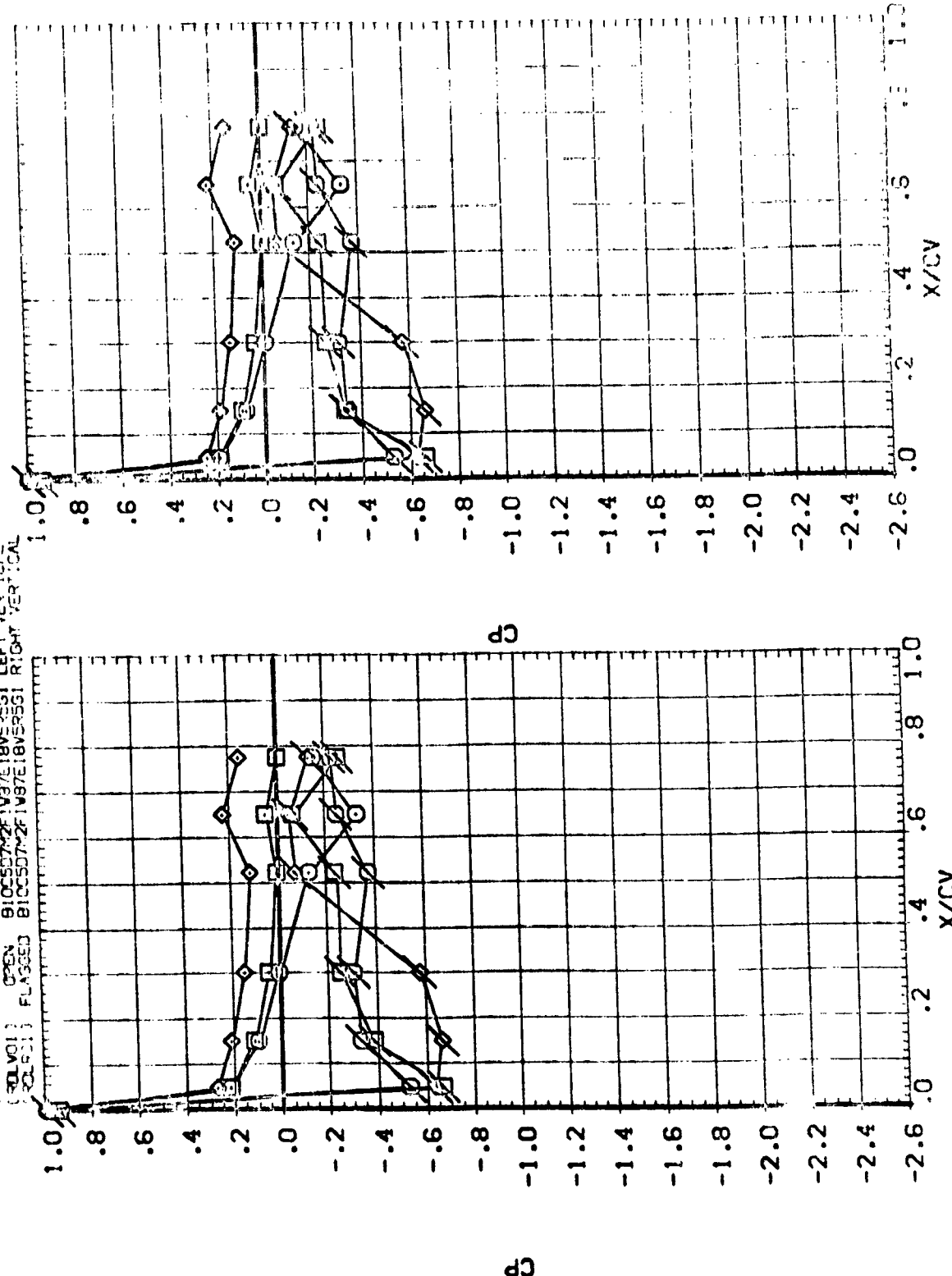
SYMBOL Z/BV ALPHA BETA  
 .840 .050  
 .925



GEOMETRIC VALUES  
 ELEVIR 1.000 2.000  
 RUDLR 40.000 5.000

DATA SET SYMBOL  
 (30 VOL) OPEN 9100507-2F1V37E18V52E61  
 (30 VOL) FLAGGED 9100507-2F1V37E18V52E61

CONFIGURATION DESCRIPTION  
 LEFT VERTICAL  
 RIGHT VERTICAL



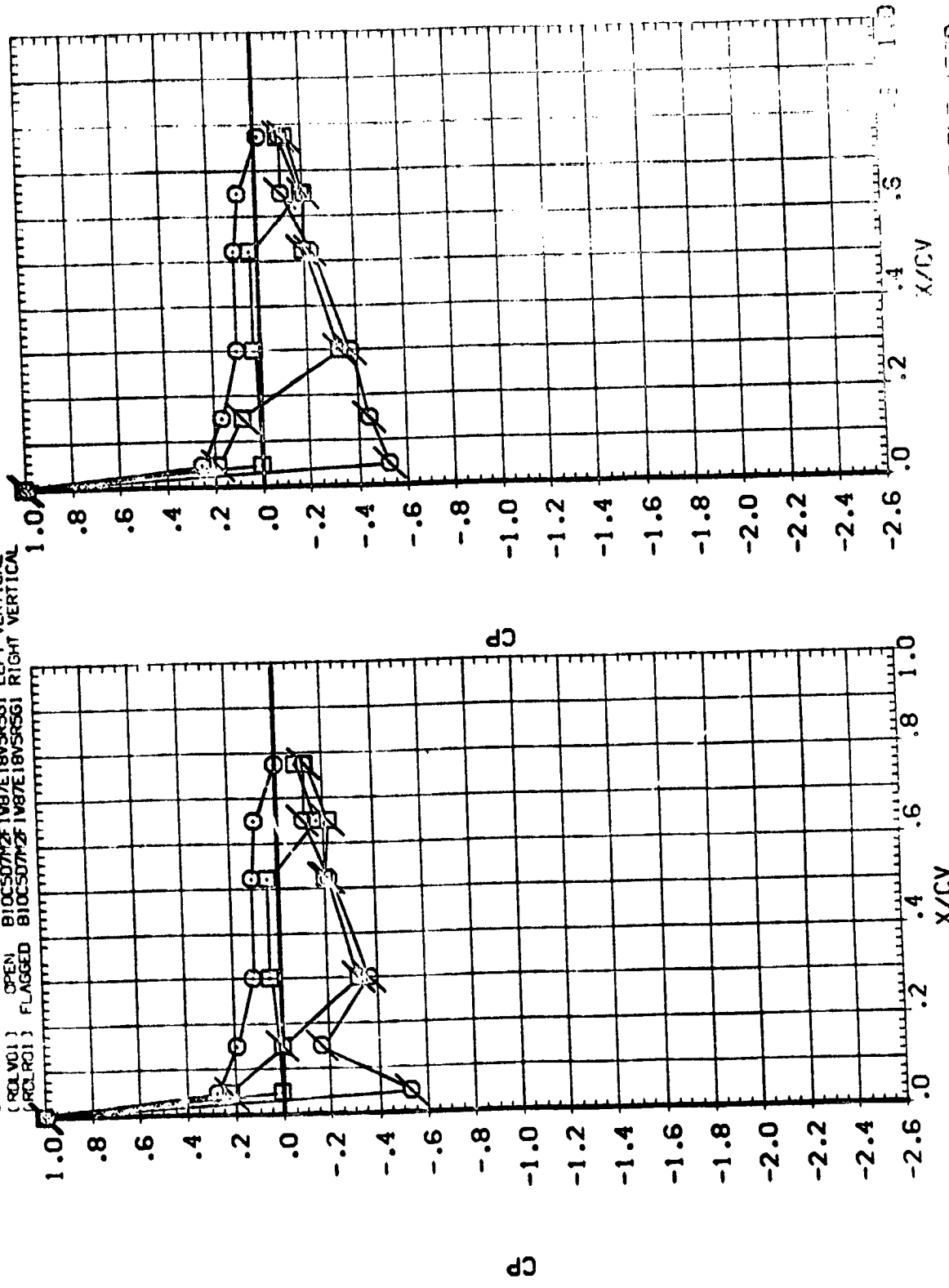
CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 354

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PARAMETRIC VALUES  
ELEVTR .000  
RUOFLR 40.000  
R\_0DEP .000  
FLAP -18.000

SYMBOL Z/BV ALPHA BETA  
○ .840 -3.000 -5.030  
□ .925 -.560

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
(ROL V01) OPEN B10C507M2F1V87E18VSRSG1 LEFT VERTICAL  
(ROL R01) FLAGGED B10C507M2F1V87E18VSRSG1 RIGHT VERTICAL



PARAMETRIC VAL S  
 .000 RUDDER .000  
 40.000 FLAP -18.000

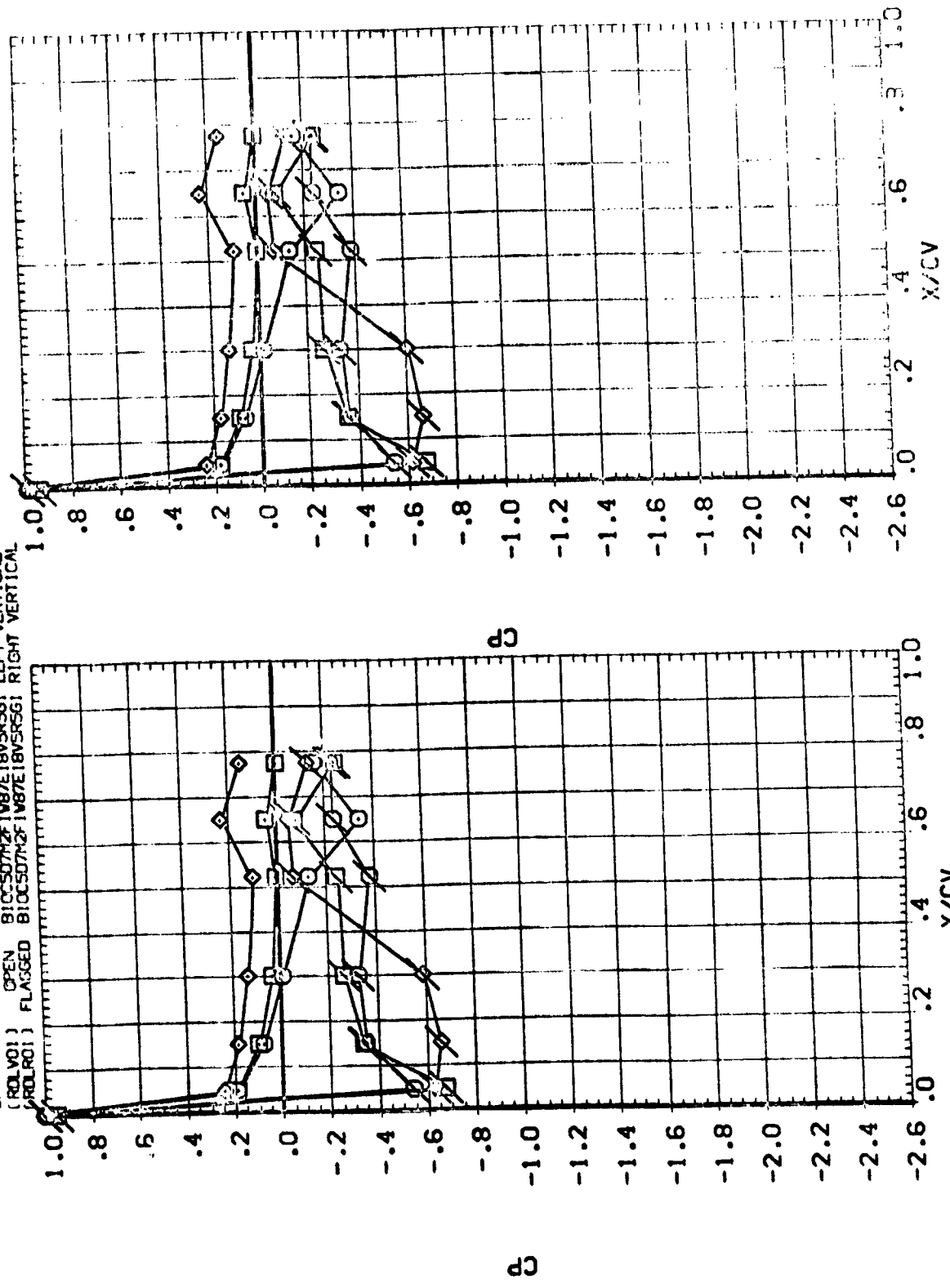
ELEV R  
 RUDDFL

BETA  
 -5.030

ALPHA  
 .010  
 1.010

SYMBOL Z/BV  
 .158  
 .316  
 .600

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL YOI) OPEN B1CC507M2F1V87E18V5R5G1 LEFT VERTICAL  
 (ROLL YOI) FLAGGED B1CC507M2F1V87E18V5R5G1 RIGHT VERTICAL



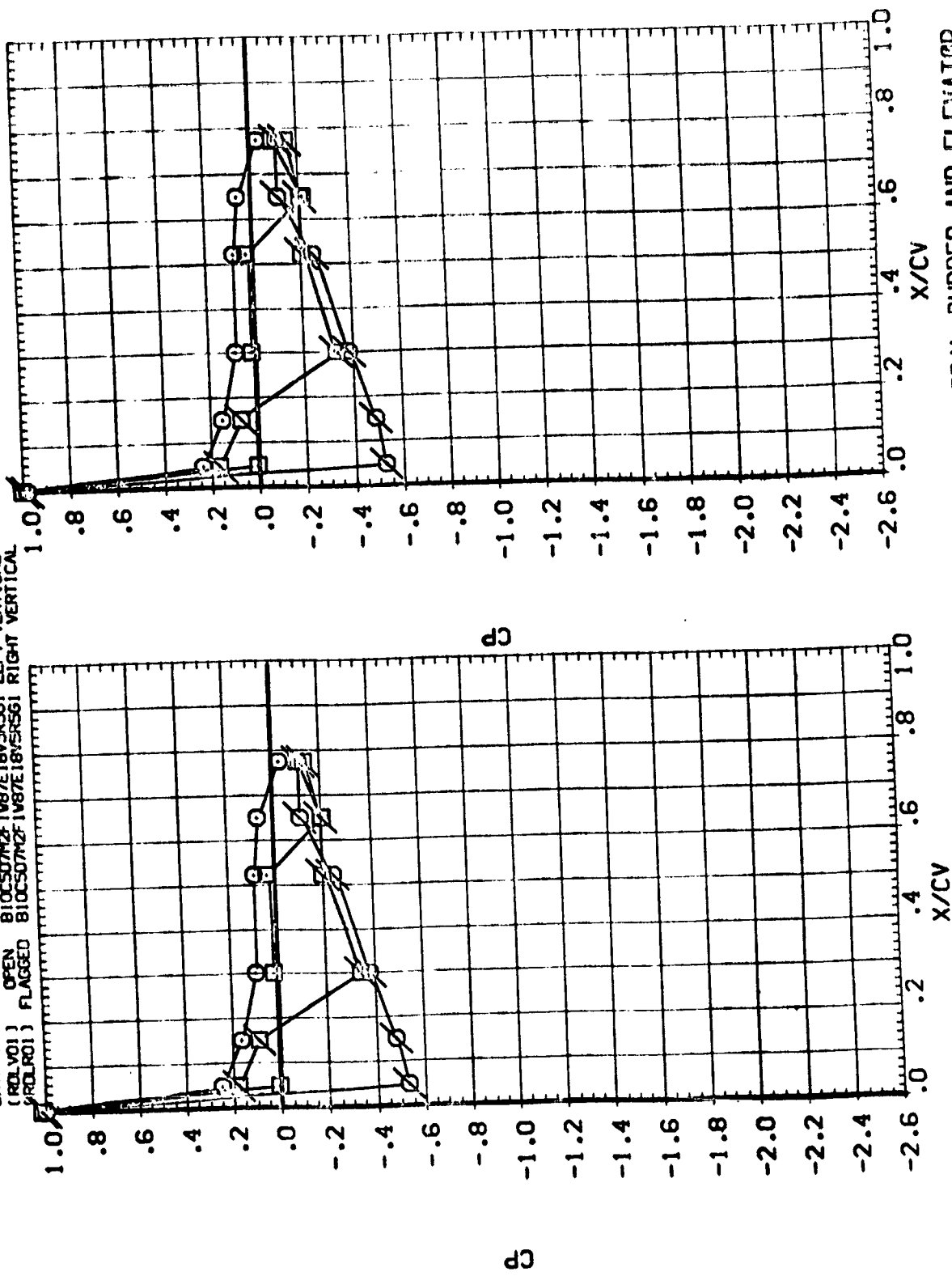
CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES  
 .000 RUDDER .000  
 40.000 FLAP -19.000

ELEVTR  
 RUDELR

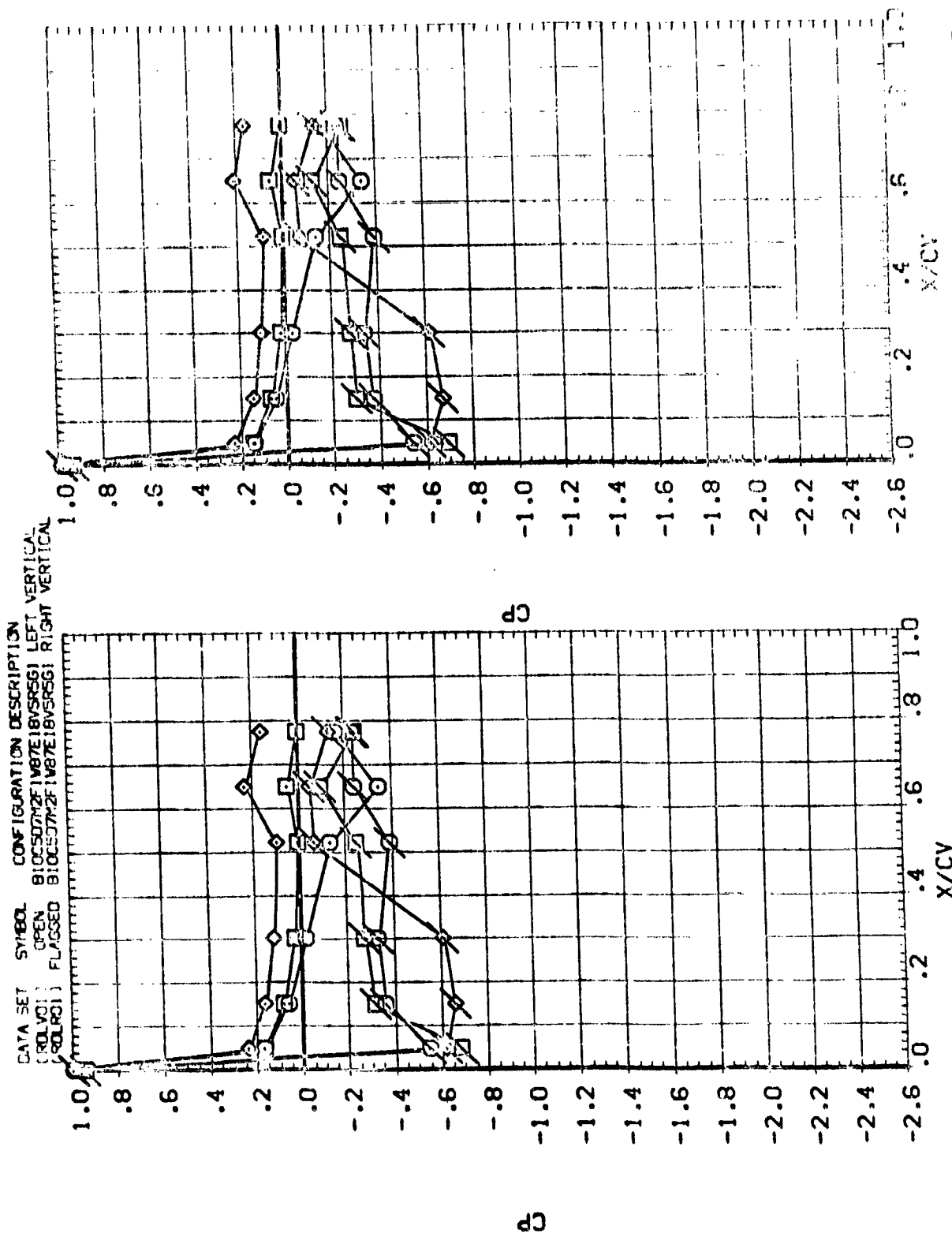
SYMBOL Z/BV ALPHA BETA  
 .840 .010 -5.030  
 .925 1.010

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLV01) OPEN 810C507M2F1V87E18VSR5G1 LEFT VERTICAL  
 (ROLR01) FLAGGED 810C507M2F1V87E18VSR5G1 RIGHT VERTICAL



PARAMETRIC VALUES  
 ELEVTR 1000 2000 3000  
 POSLR 40.000 50.000 60.000

SYMBOL Z/B3/ ALPHA BETA  
 1.53 2.100 -5.000  
 1.316 4.050  
 1.600

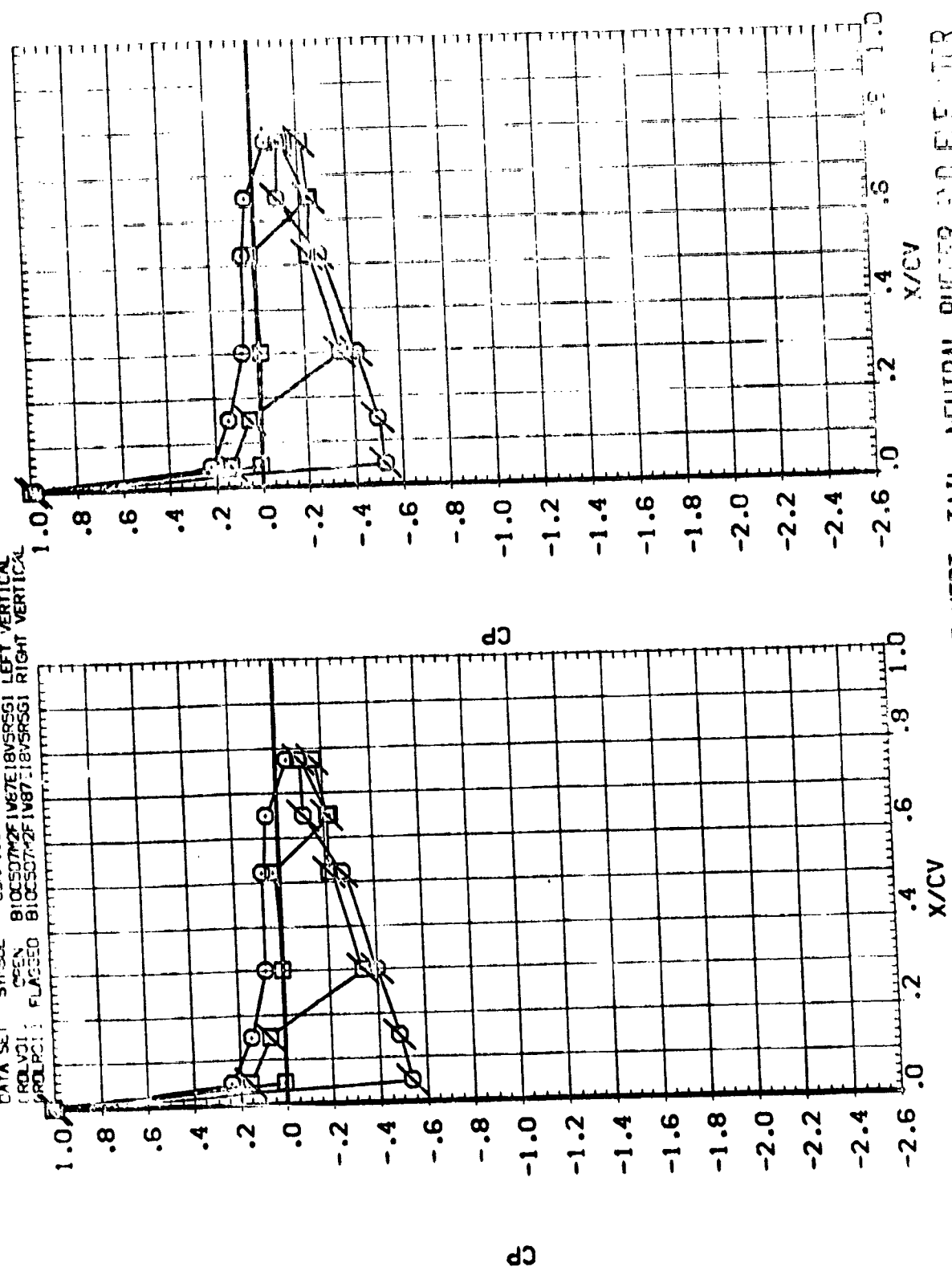


CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 559

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -10.000

DATA SET SYMBOL ALPHA BETA  
 .840 2.000 -5.030  
 .925 4.050

CONFIGURATION DESCRIPTION  
 BI0C507M2F1V87E18VSRSG1 LEFT VERTICAL  
 BI0C507M2F1V87E18VSRSG1 RIGHT VERTICAL





SYMBOL 0000

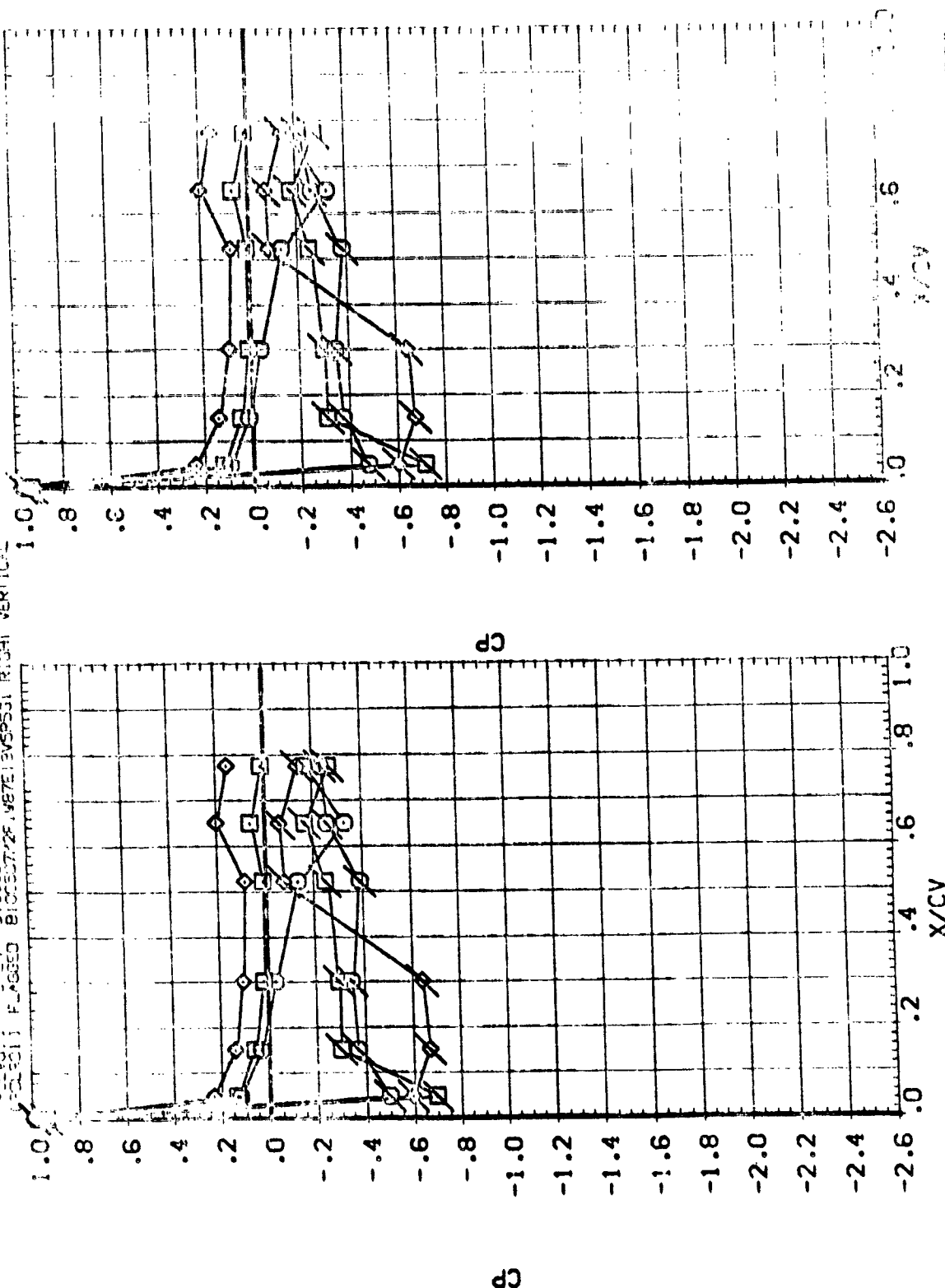
Z/34 1.53  
 300  
 .500

ALPHA 5.000  
 1.000

BETA -5.000

ELEVTR 40.000  
 40.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 000001 OPEN BIOCS07251WBTE18VPSG1 LEFT VERTICAL  
 000002 FLAGGED BIOCS07251WBTE18VPSG1 RIGHT VERTICAL



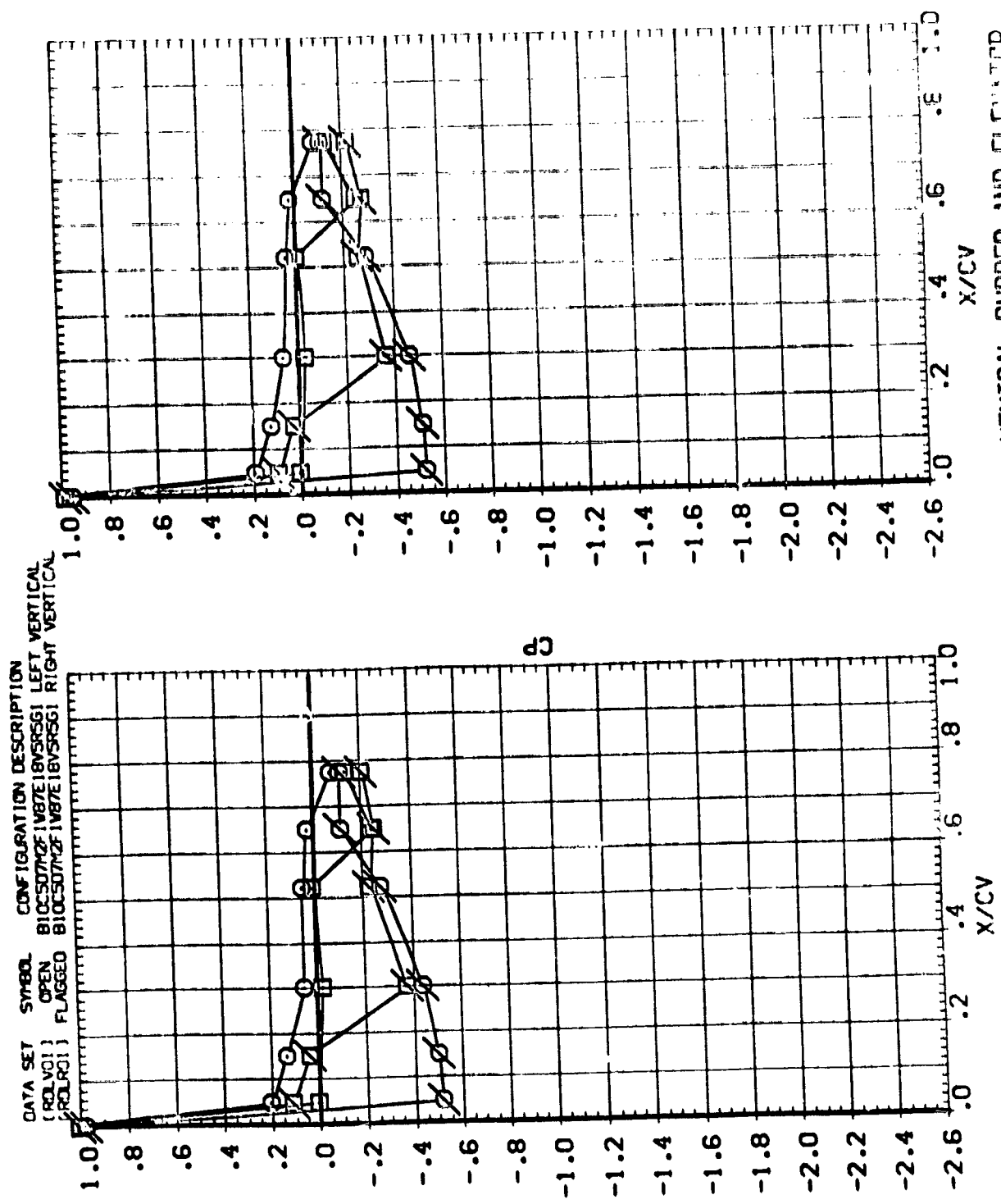
CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL CENTER AND ELE 1.000



PARAMETRIC VALUES  
 .000 RUDDER  
 40.000 FLAP  
 -13.000

ELEVTR  
 RUFLR

SYMBOL Z/BV ALPHA BETA  
 .840 6.080 -5.030  
 .925 8.130

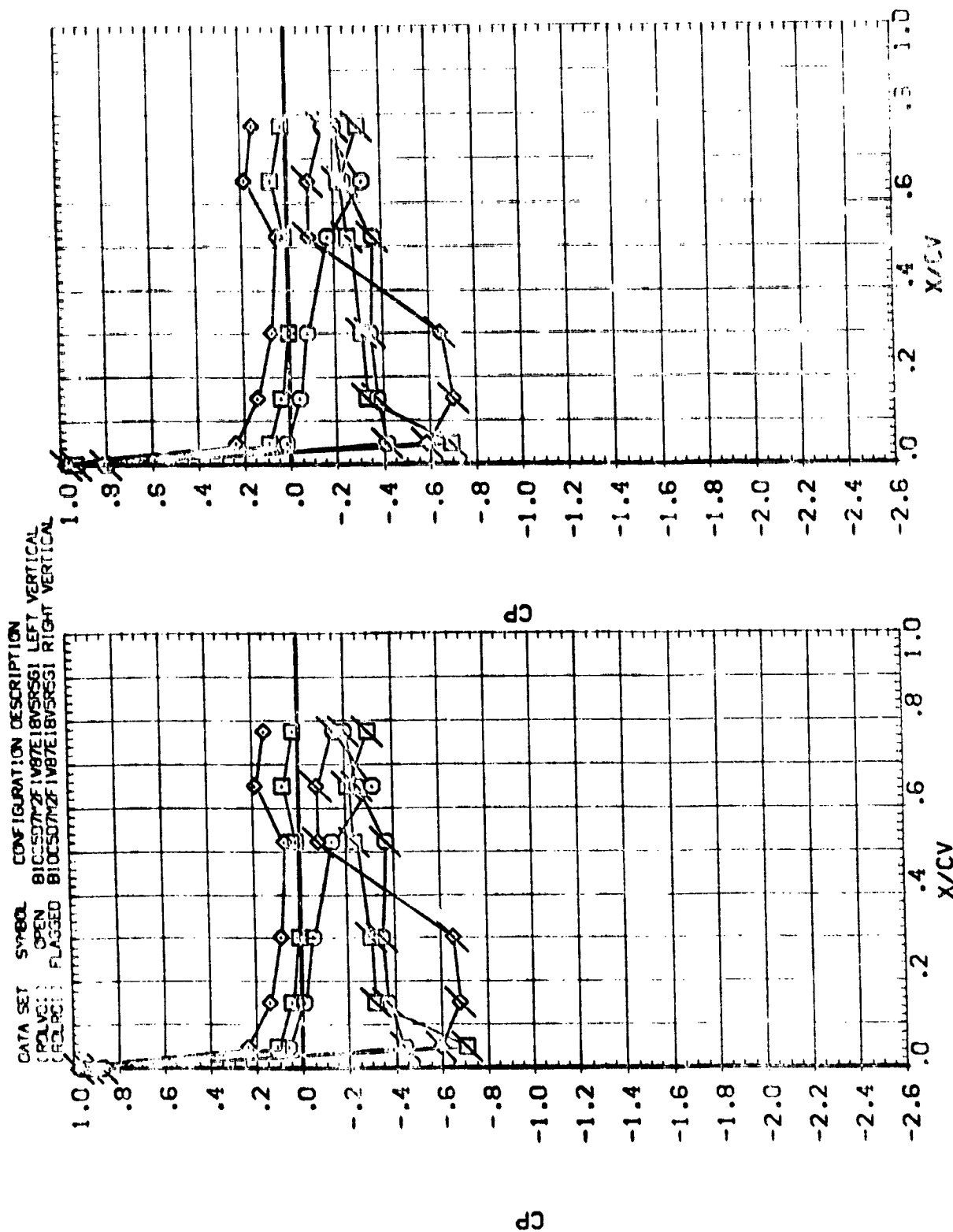


CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES  
 .000 RUDDER  
 40.000  
 5.15  
 -9.000

ELEVTR  
 P.OFLR

SYMBOL Z/BV ALPHA BETA  
 .158 10.170 -5.030  
 .316 12.220  
 .600

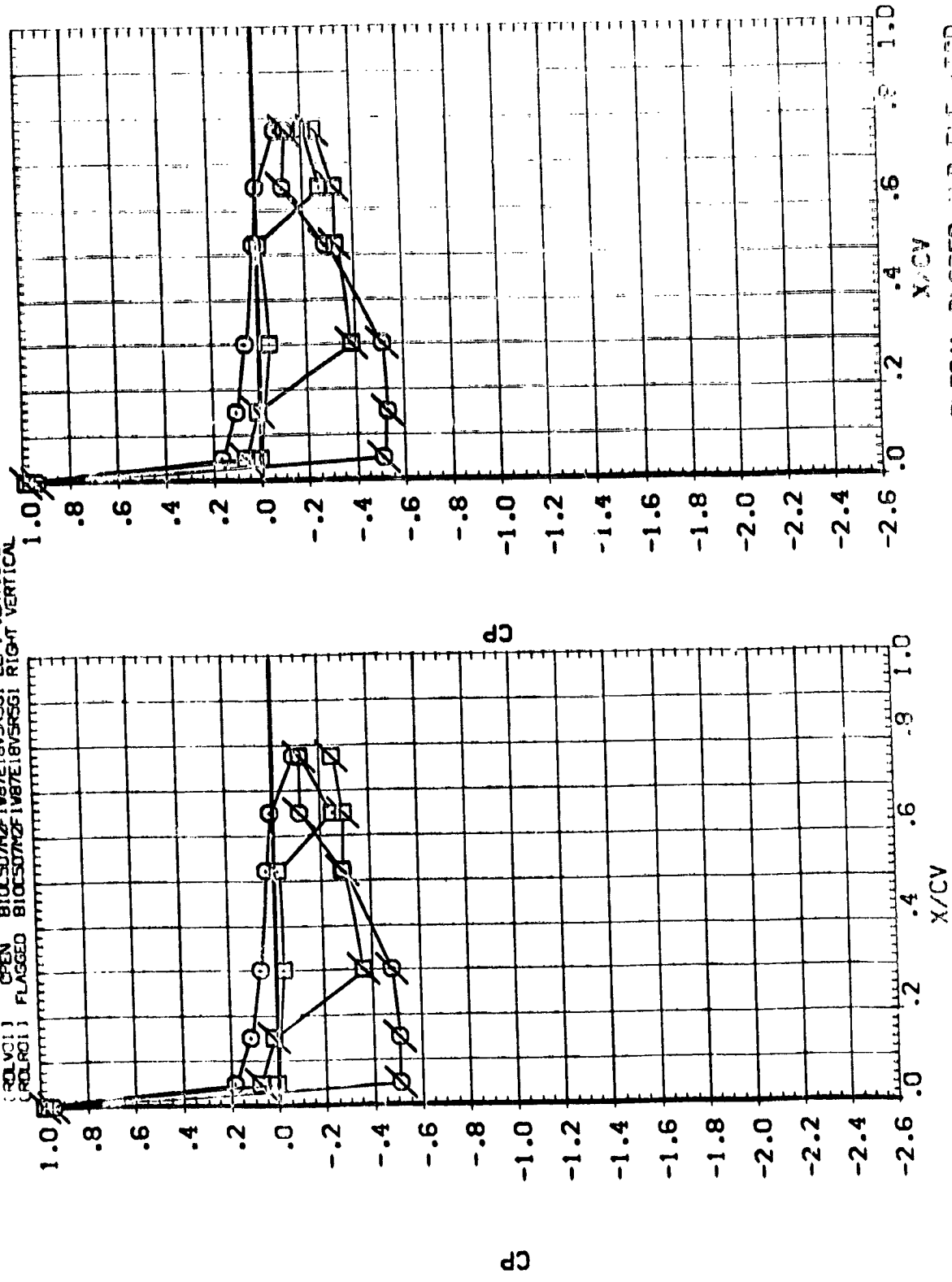




PARAMETRIC VALUES  
 ELEVTR 40.000 RUDER .000  
 RUDFLR 40.000 FLAP -19.000

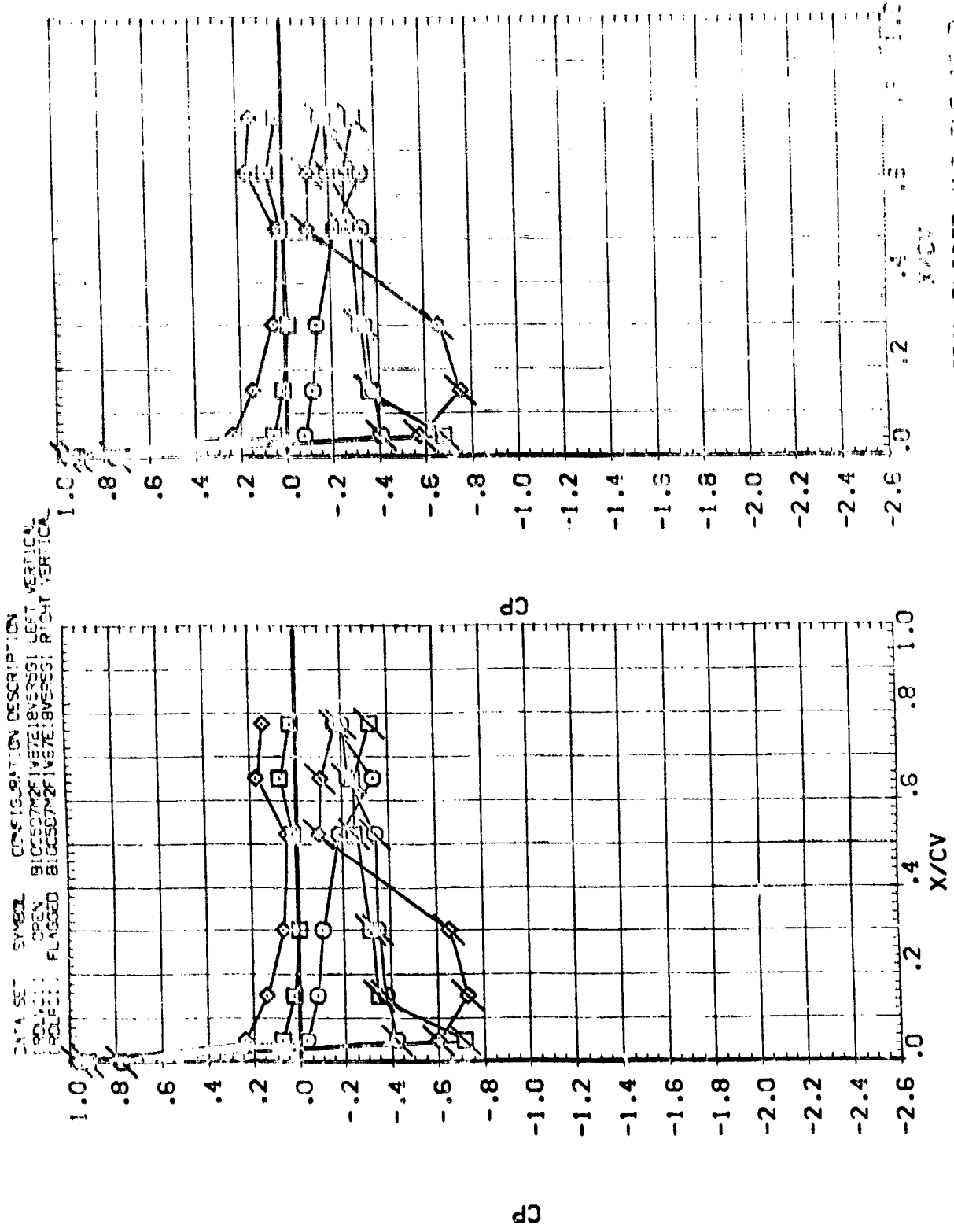
SYMBOL Z/BV ALPHA BETA  
 .843 10.170 -5.030  
 .925 12.220

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RUDV01) OPEN 810C507NCF1V87E18VSXSG1 LEFT VERTICAL  
 (RUDV01) FLAGGED 810C507NCF1V87E18VSXSG1 RIGHT VERTICAL



SYMBOL: Z/BV ALPHA BETA  
 .55 14.26C -5.030  
 .315  
 500

ELEVATION  
 40.000 5.000 5.000



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL POSITION  
 PAGE 158

PARAMETRIC VALUES

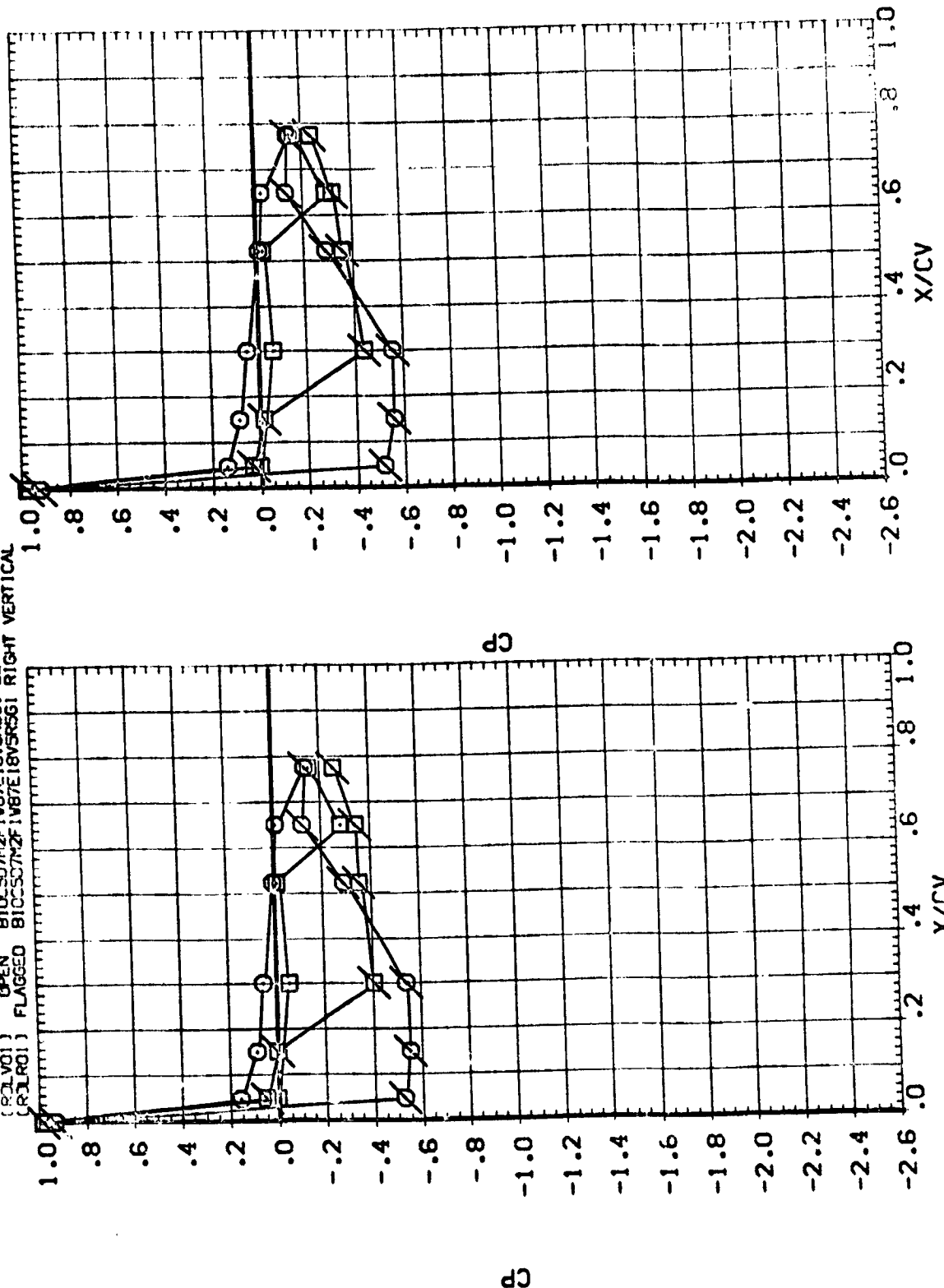
ELEVTR	.000	RUDDER	.000
RUOFLR	40.000	FLAP	-18.000

SYMBOL    Z/BV    ALPHA    BETA

○	.840	14.260	-5.030
□	.925	16.240	

DATA SET    SYMBOL    CONFIGURATION DESCRIPTION

(82LVDI)	OPEN	B10C507M2F1V87E18V5K5G1 LEFT VERTICAL
(82LROI)	FLAGGED	B10C507M2F1V87E18V5K5G1 RIGHT VERTICAL

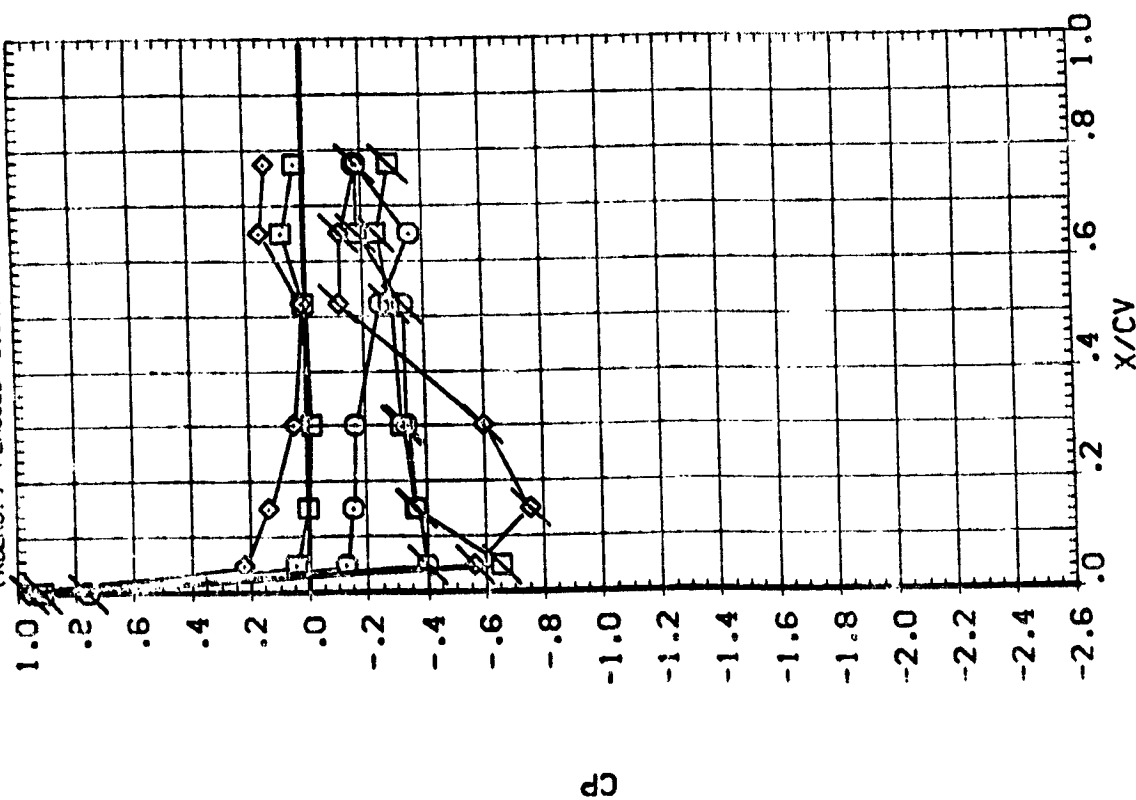


PARAMETRIC VALUES  
 .000 RUDDER .000  
 40.000 FLAP -19.000

ELEVTR  
 RUDDER

SYMBOL Z/9V ALPHA BETA  
 .158 18.310 -5.030  
 .316  
 .500

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLV01) OPEN BIOC507M2F1V87E18V5R5G1 LEFT VERTICAL  
 (ROLR01) FLAGGED BIOC507M2F1V87E18V5R5G1 RIGHT VERTICAL



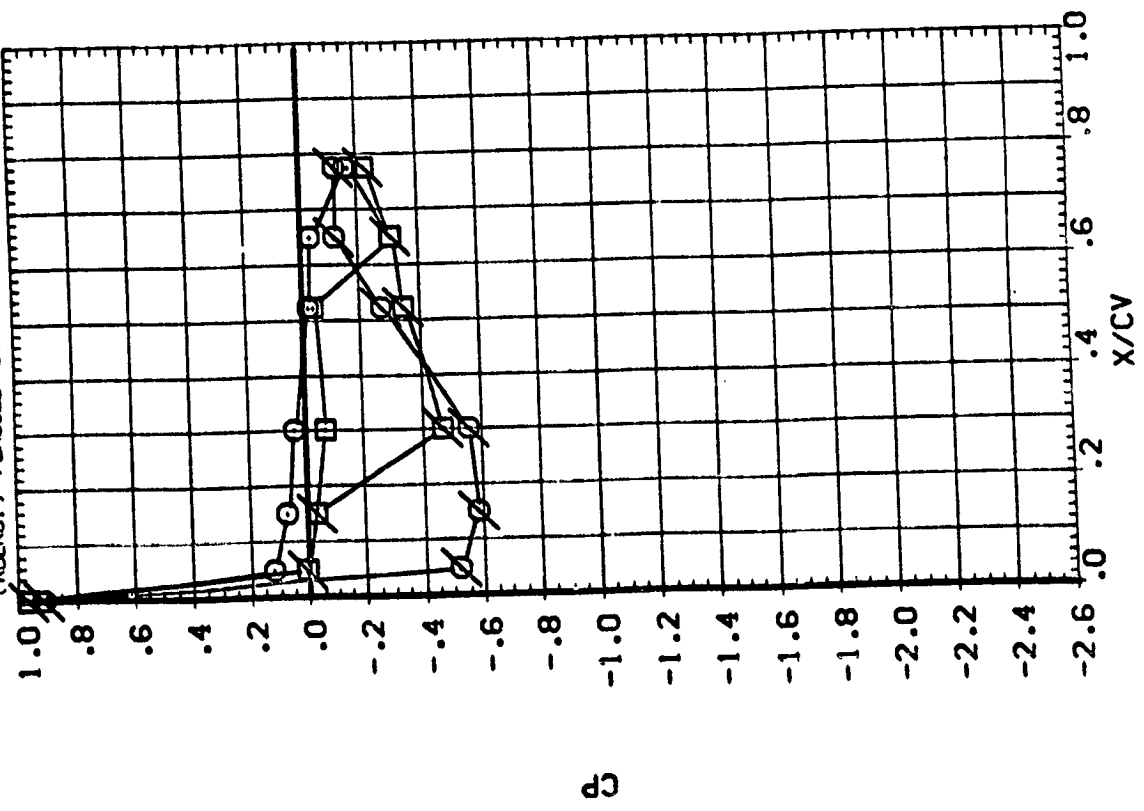
CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 593



ELEVTR  
 RUOFUR  
 PARAMETRIC VALUES  
 .000 RUDDER .000  
 40.000 FLAP -19.500

SYMBOL Z/BV ALPHA BETA  
 .840 18.310 -5.030  
 .925

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLV01) OPEN 810C507MZF1V87E18V5K5G1 LEFT VERTICAL  
 (ROLV01) FLAGGED 810C507MZF1V87E18V5K5G1 RIGHT VERTICAL



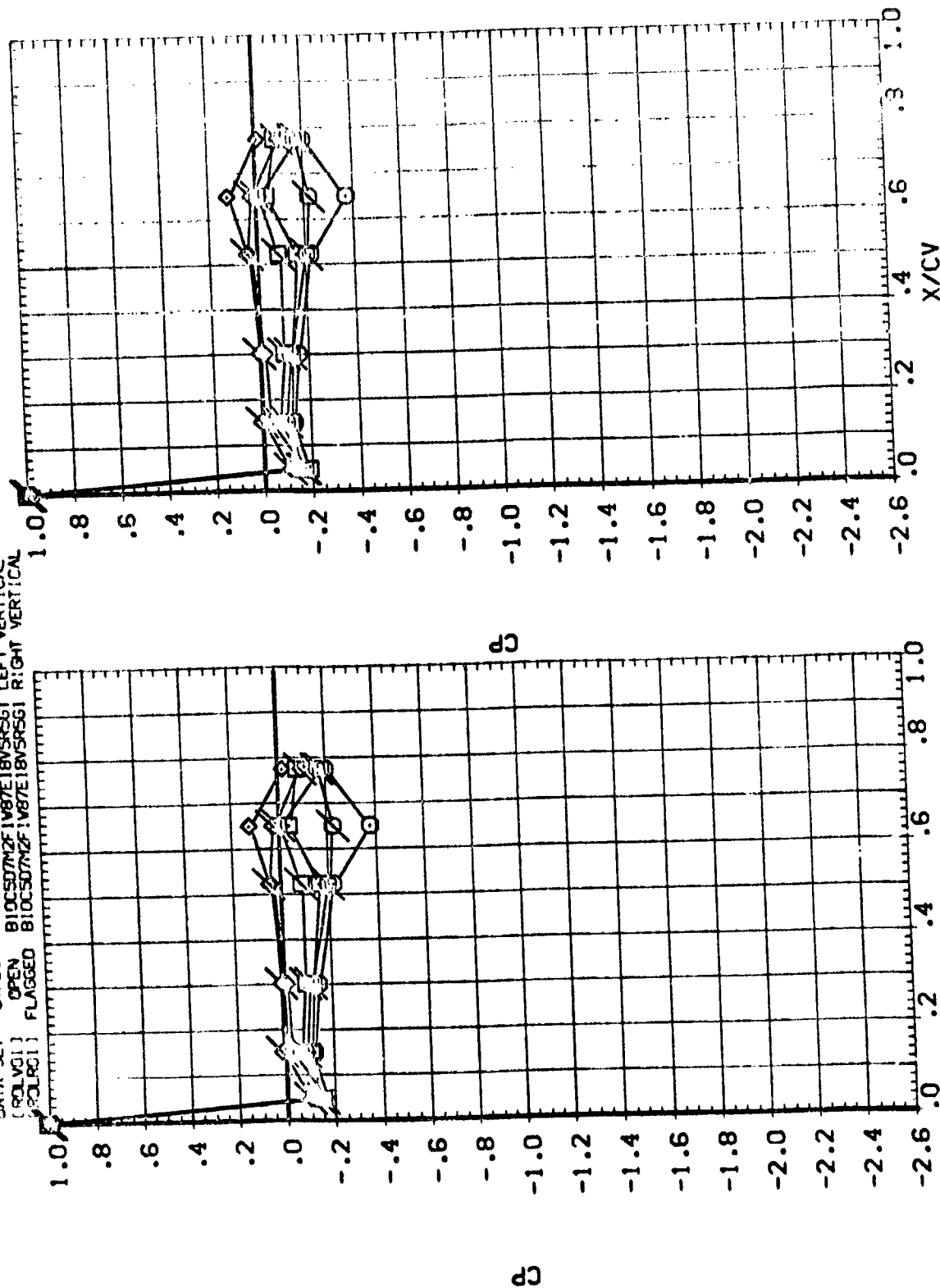


PARAMETRIC VALUES  
 .000 RUDDER .000  
 40.000 FLAP -18.000

ELEVTR  
 RUOFLR

SYMBOL Z/BV ALPHA BETA  
 .158  
 .316  
 .600  
 -3.040  
 -1.000  
 .000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (POLVGI) OPEN B10C507MZF1V87E1BVSRS61 LEFT VERTICAL  
 (POLRGI) FLAGGED B10C507MZF1V87E1BVSRS61 RIGHT VERTICAL



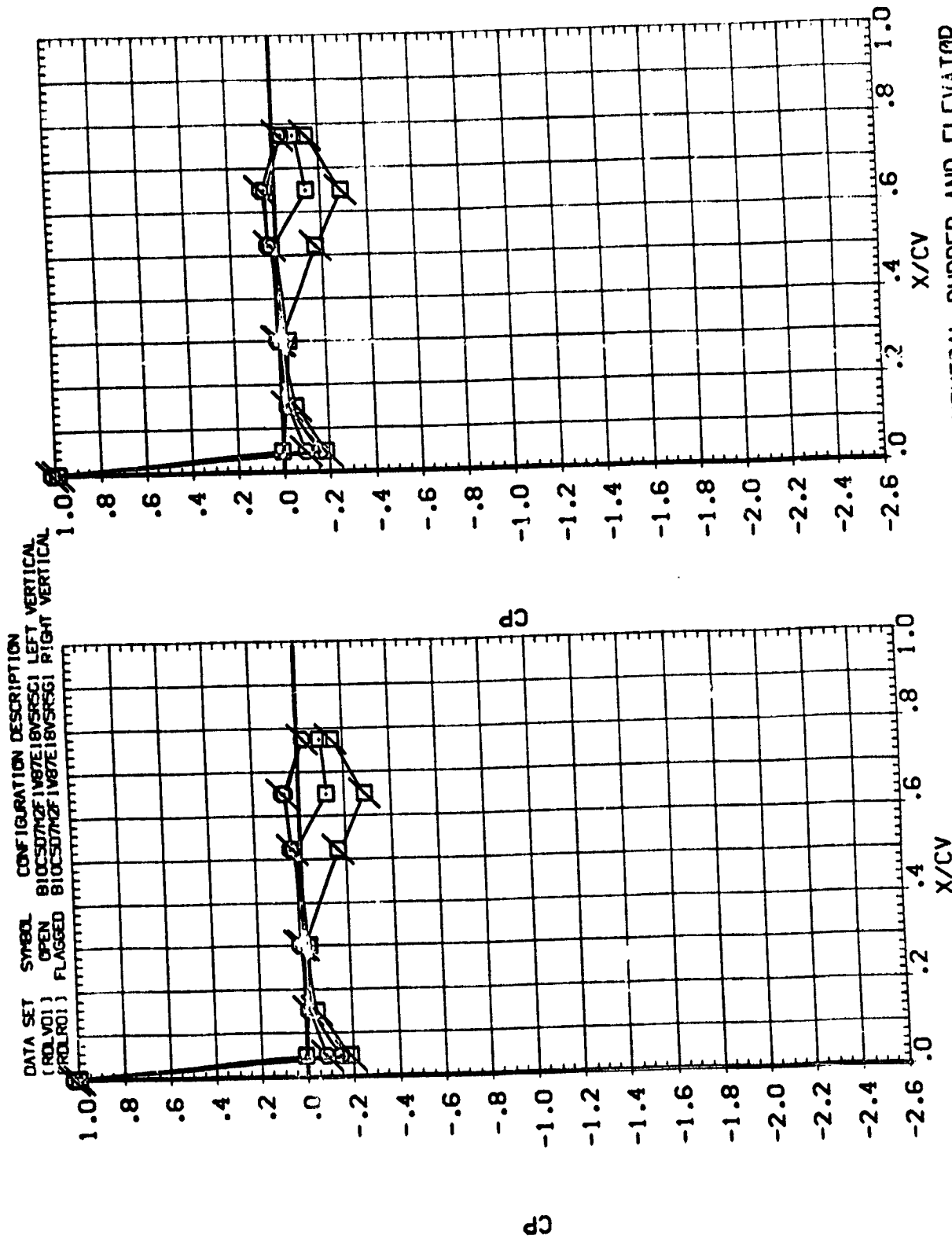
CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR



SYMBOL Z/BV  
 .840  
 .925

ALPHA BETA  
 -3.040 .000  
 -1.000

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

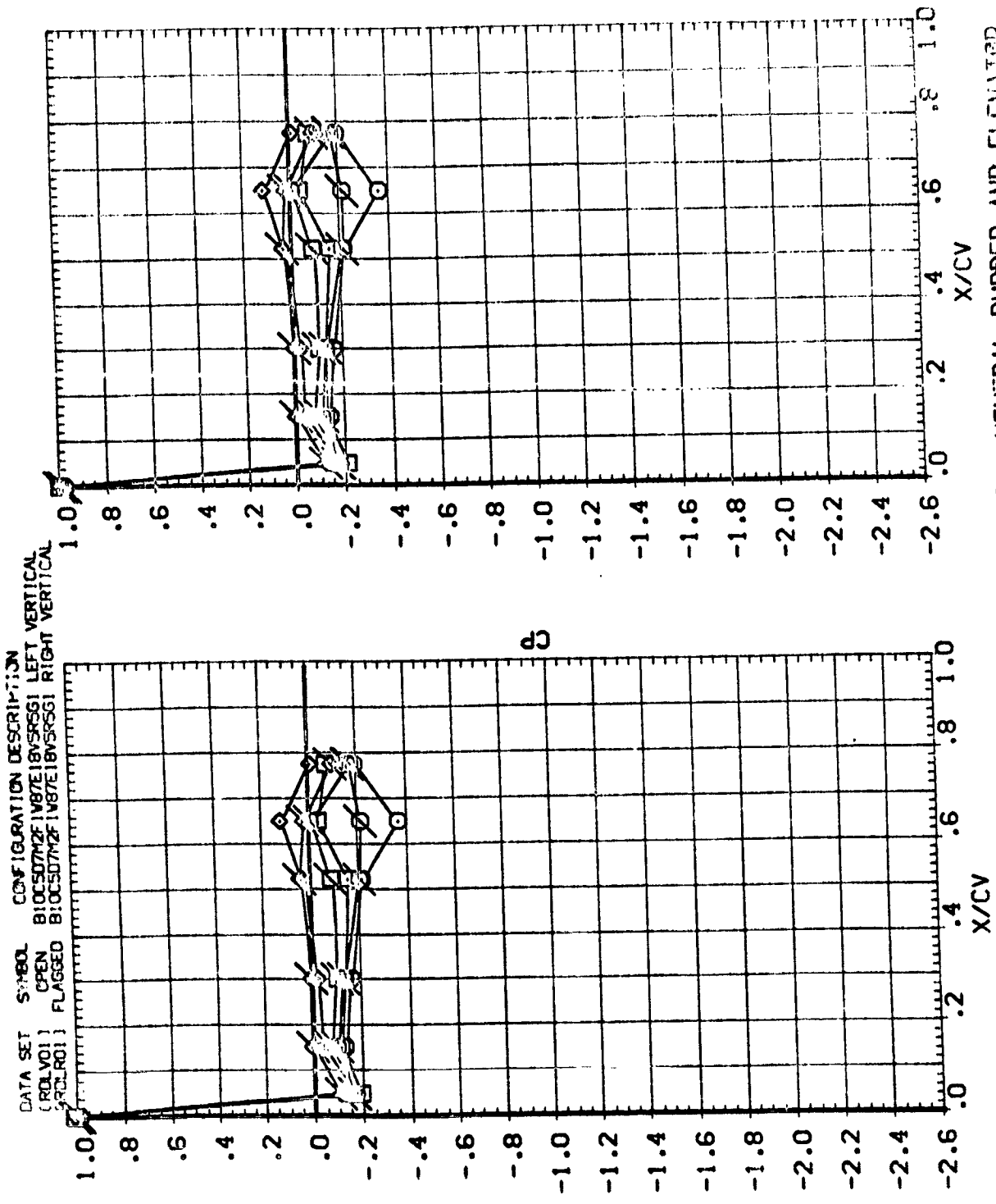


PARAMETRIC VALUES

ELEVTR	.000	RUDDER	.000
RUOFLR	40.000	FLAP	-19.000

SYMBOL Z/BV ALPHA BETA

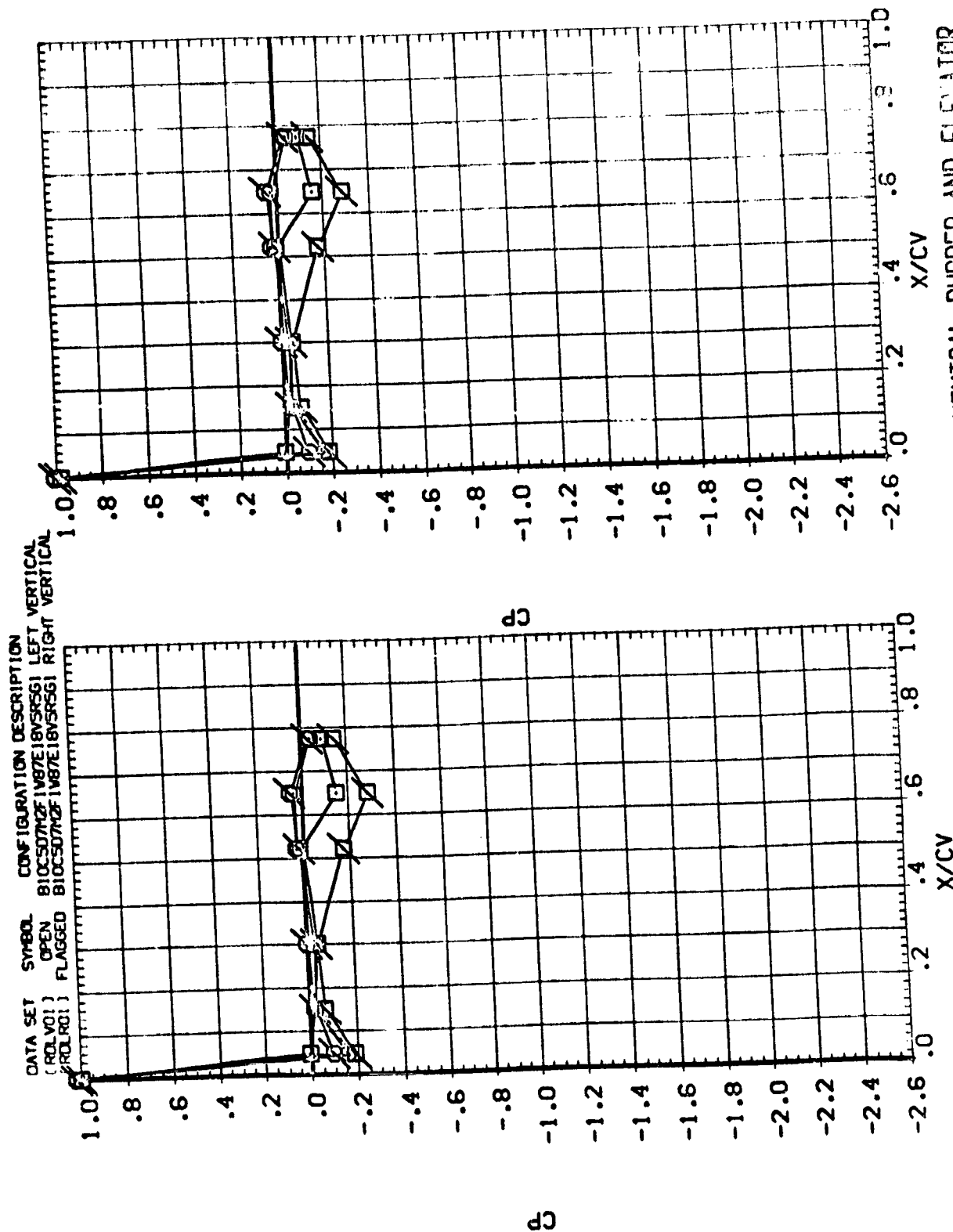
○	.158	.010	.000
□	.316	.990	
◇	.500		





PARAMETRIC VALUES  
 .000 RUDDER .000  
 40.000 FLAP -10.000

SYMBOL Z/BV ALPHA BETA  
 .840 .010 .000  
 .925 .990

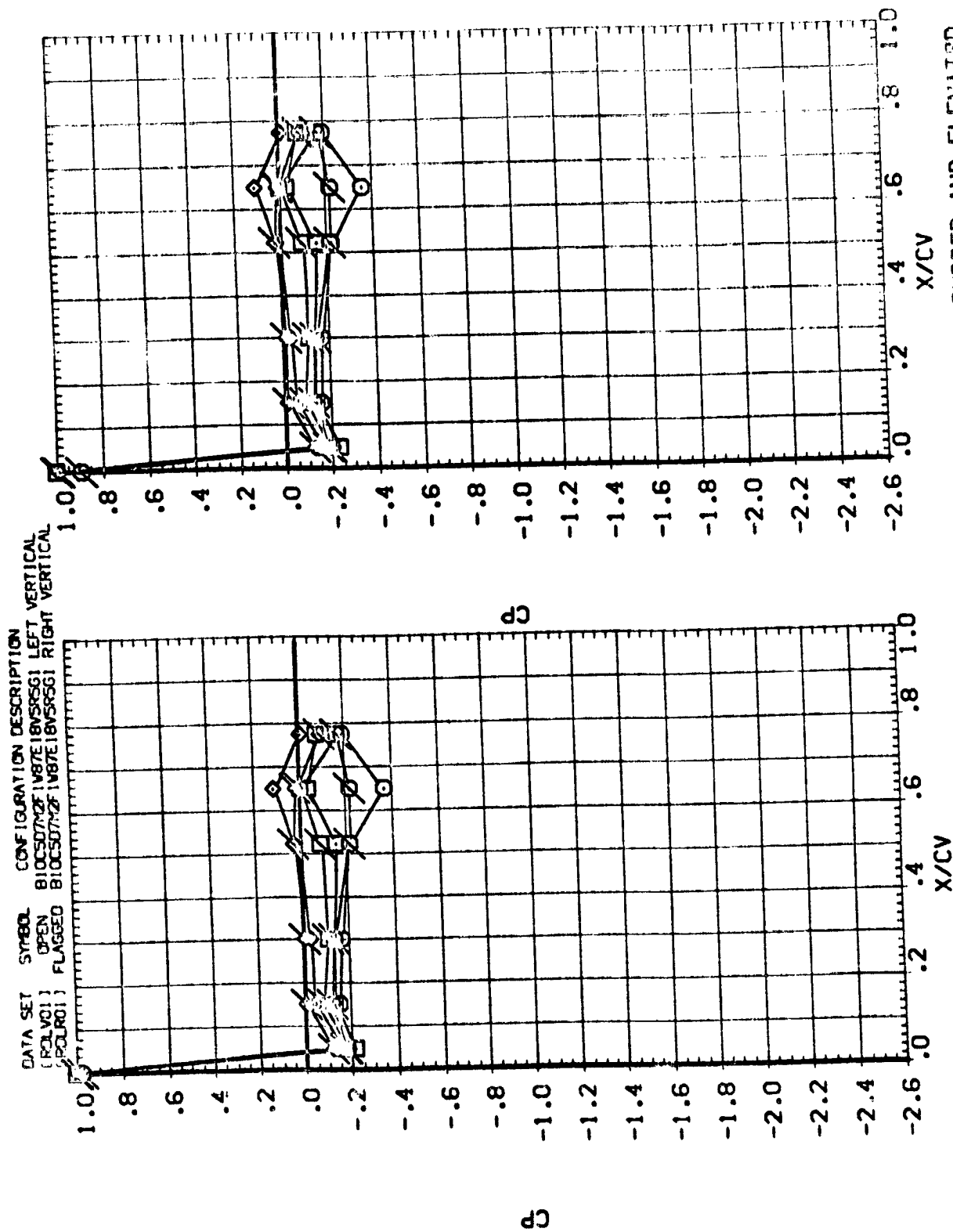


PARAMETRIC VALUES

ELEVTR	.000	RUDDER	.000
RUOFLR	40.000	FLAP	-18.000

SYMBOL    Z/BV    ALPHA    BETA

○	.158	2.030	.000
□	.316	4.030	
◇	.500		



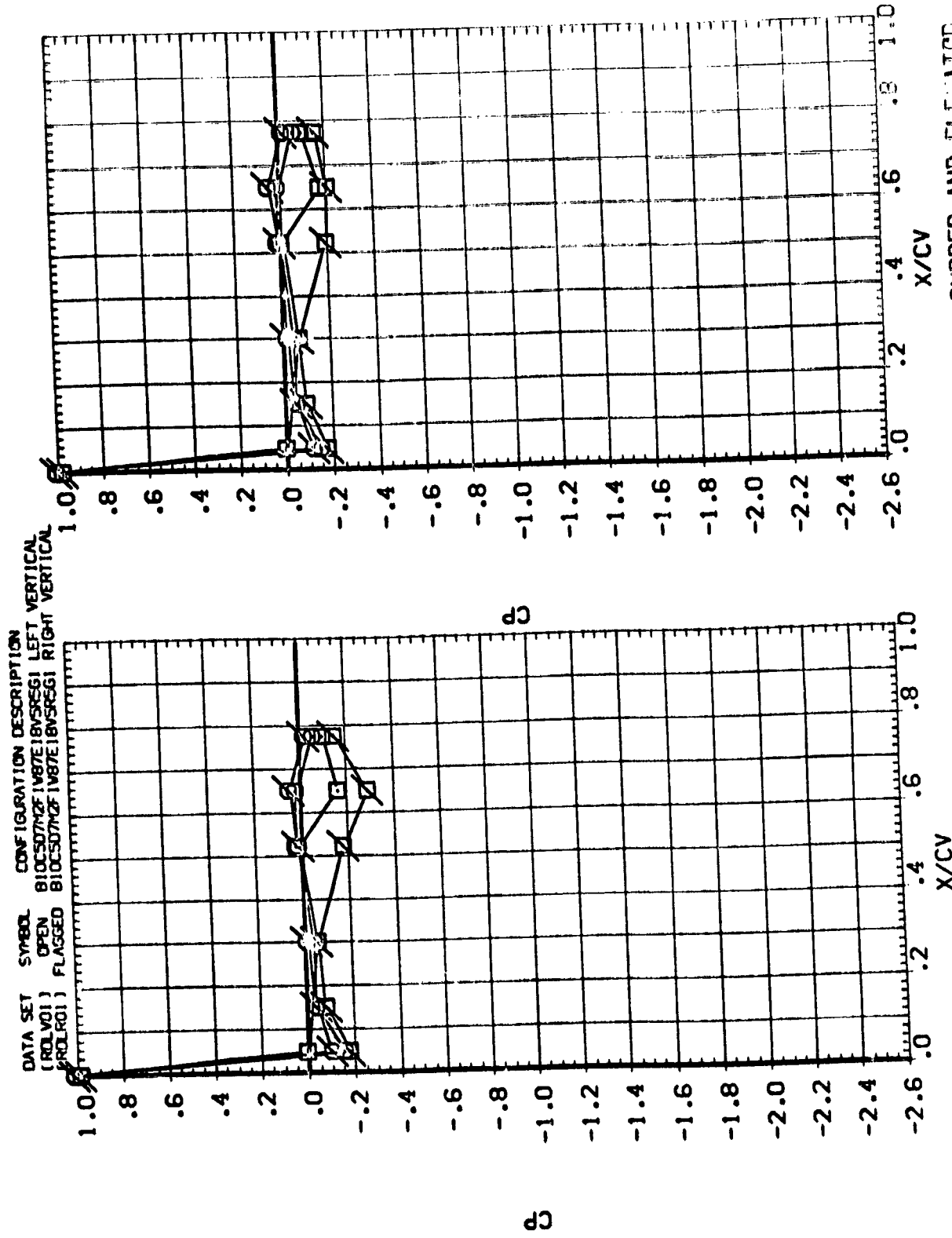
CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR



SYMBOL Z/BV  
□ .840  
□ .925

ALPHA BETA  
2.030 .000  
4.030

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUOFLR 40.000 FLAP -19.000



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR



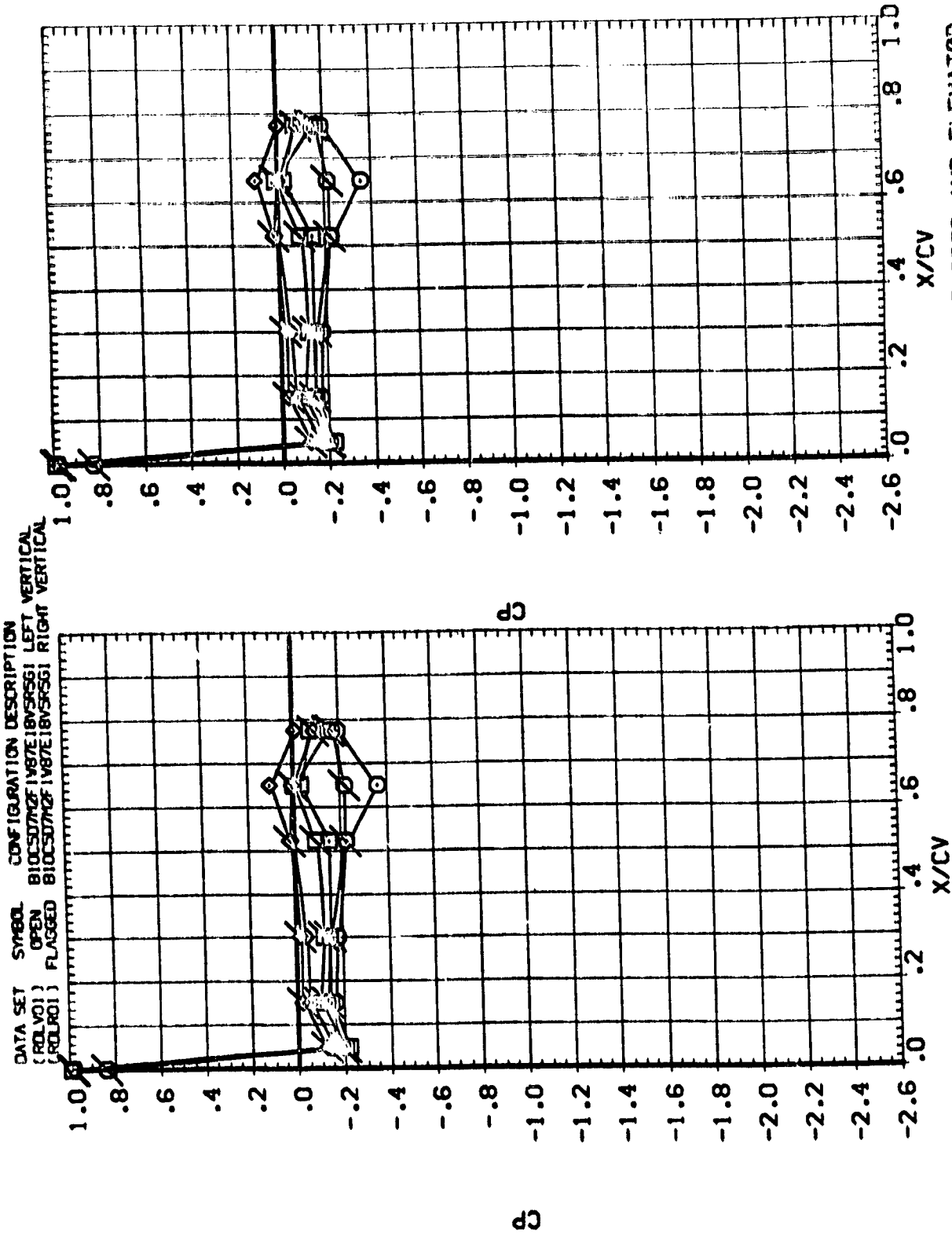
SYMBOL  $\square$   $\square$   $\diamond$

7/8V .158  
.316  
.600

ALPHA 6.080  
8.110

BETA .000

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUOFLR 40.370 FLAP -18.000



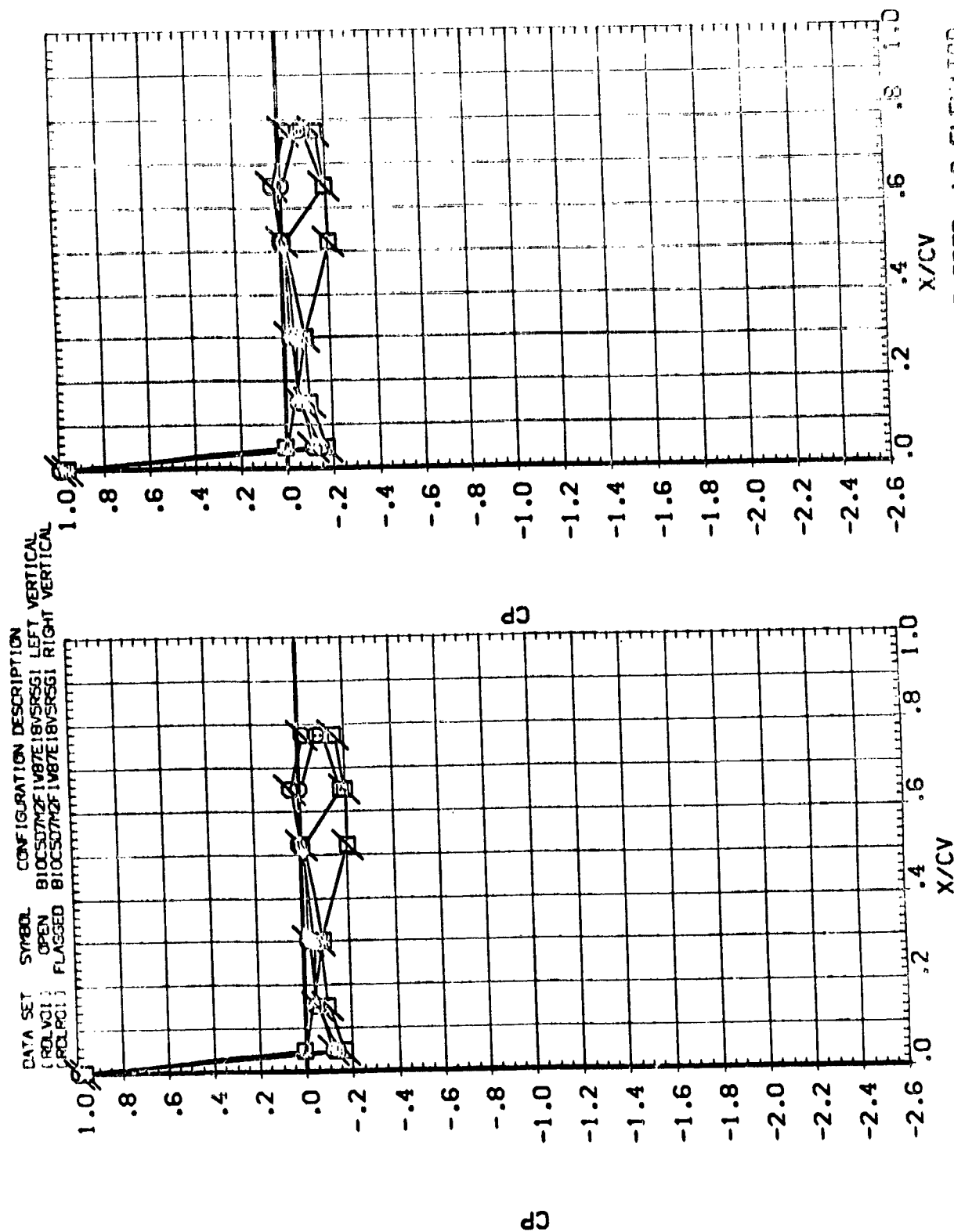
CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES

ELEVTR	.000	RUDDER	.000
RJOFTR	40.000	CLIP	-10.000

SYMBOL    Z/BV    ALPHA    BETA

□	.840	6.080	.000
□	.925	8.110	



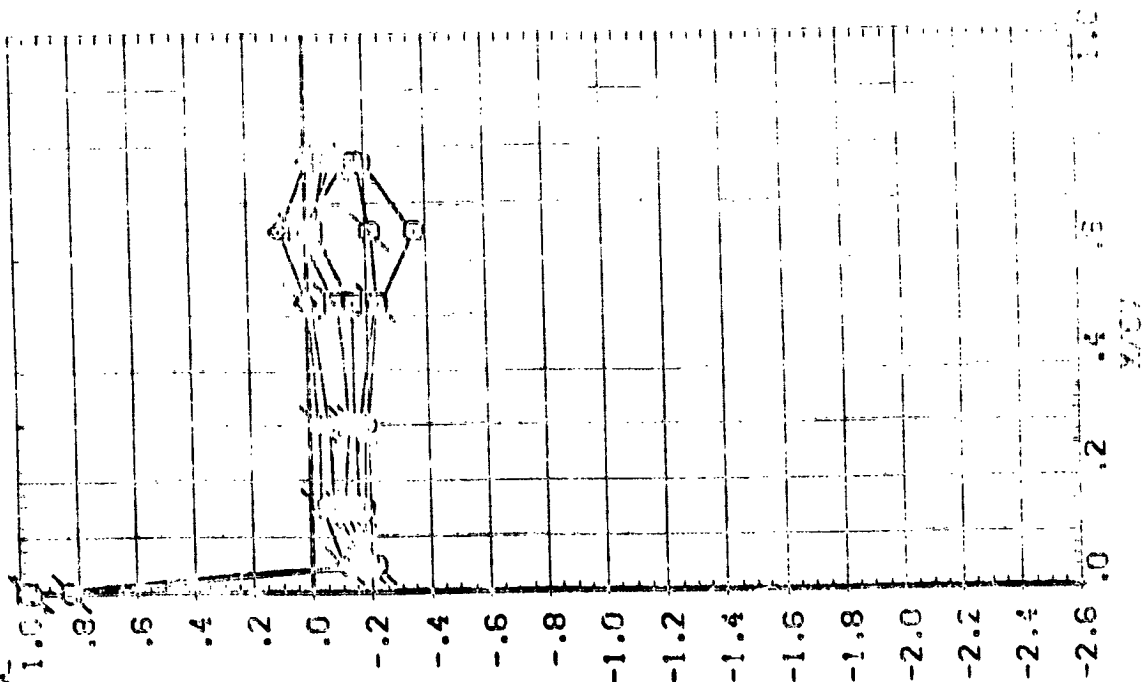
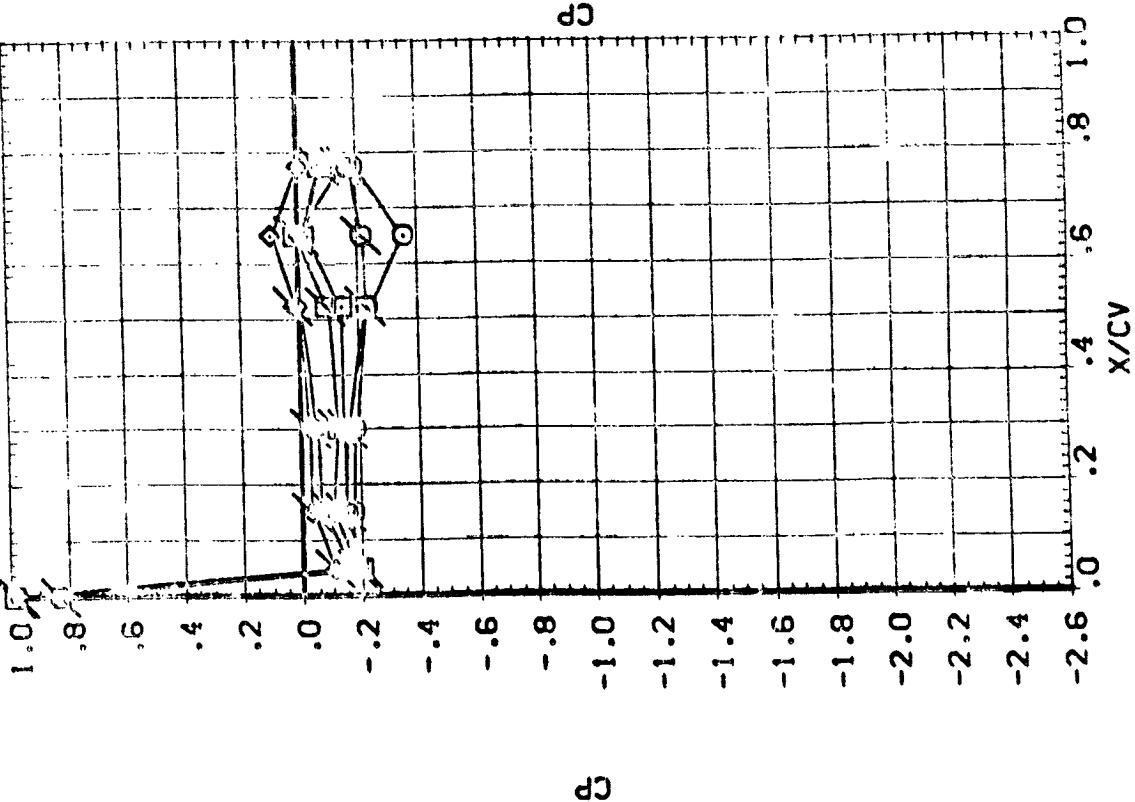


330

12.255

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CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL POWER

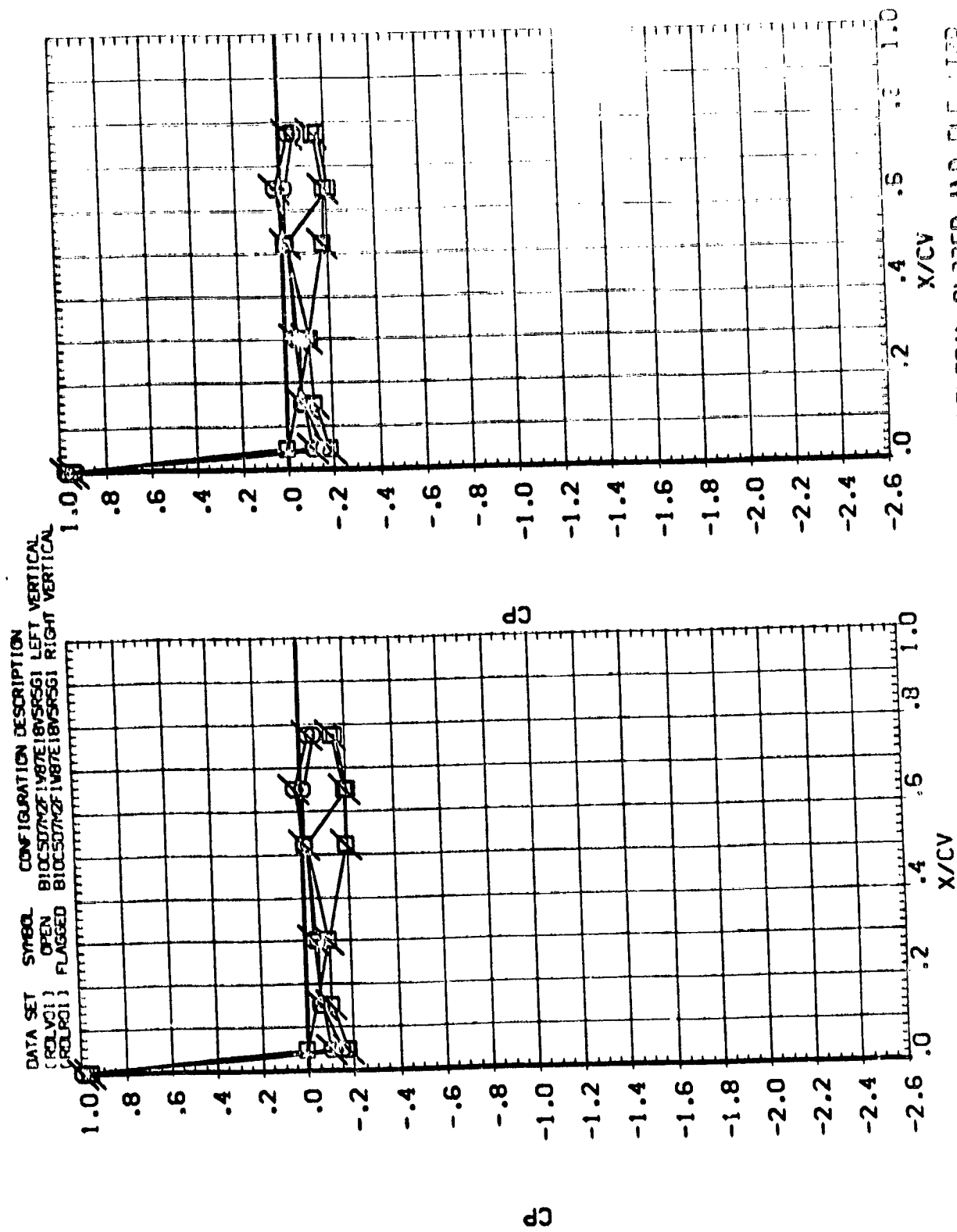


SYMBOL Z/BV .840 .925

ALPHA 10.120 12.200

BETA .000

ELEVTR .000  
RUOFLR 40.000  
PARAMETRIC VALUES  
RUOGER .000  
FLAP -19.000



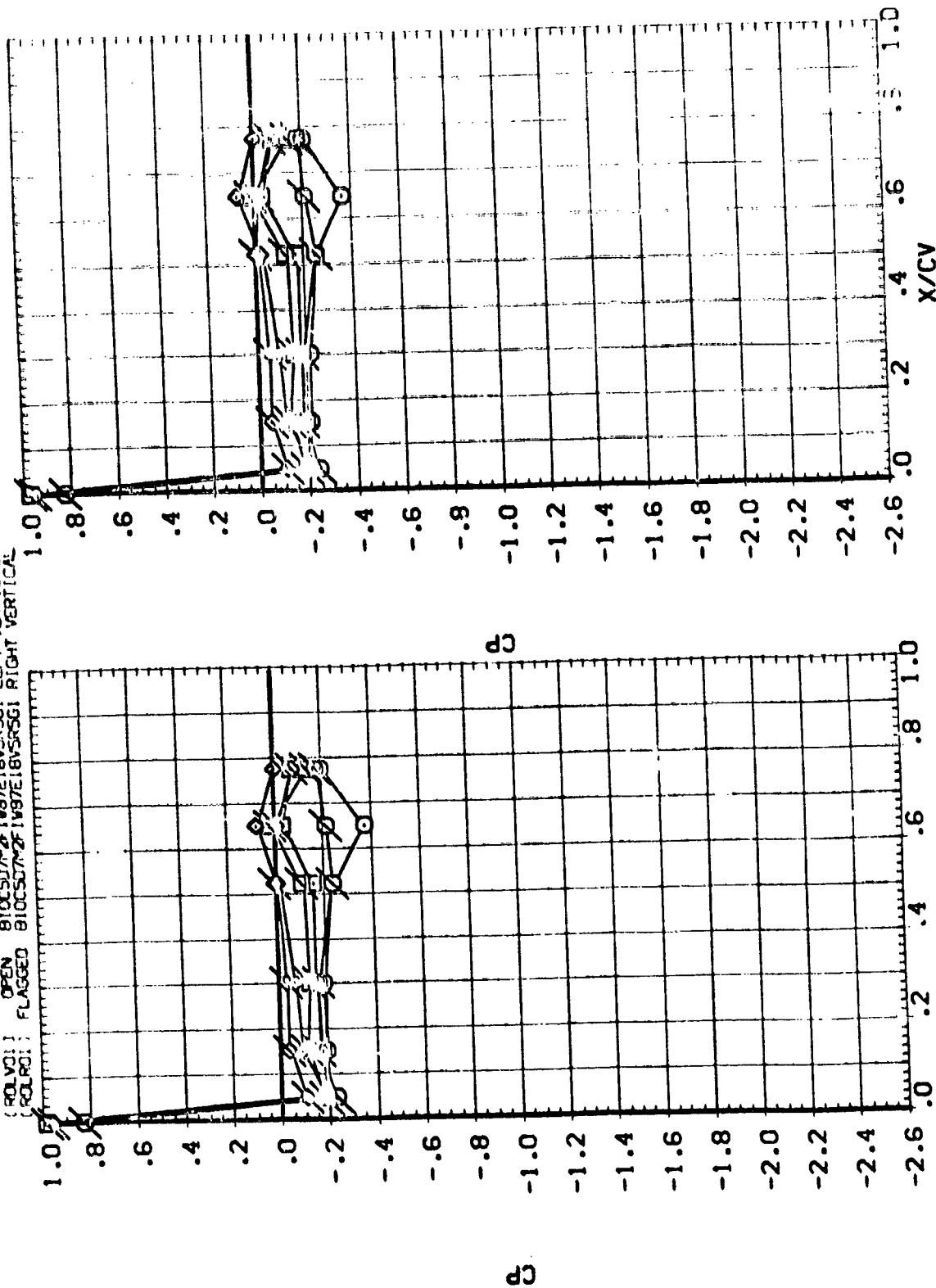
CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR

PARAMETER VALUES  
 SLEW 1.000 2.000 3.000  
 RUDDER 40.000 5.000 10.000

SLEW  
 RUDDER

SYMBOL Z/BV ALPHA BETA  
 .158 14.240 .300  
 .316 16.230  
 .600

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (R01V01) 810C507M2F1V87E18VSRSG1 LEFT VERTICAL  
 (R01V01) 810C507M2F1V87E18VSRSG1 RIGHT VERTICAL



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL. NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES

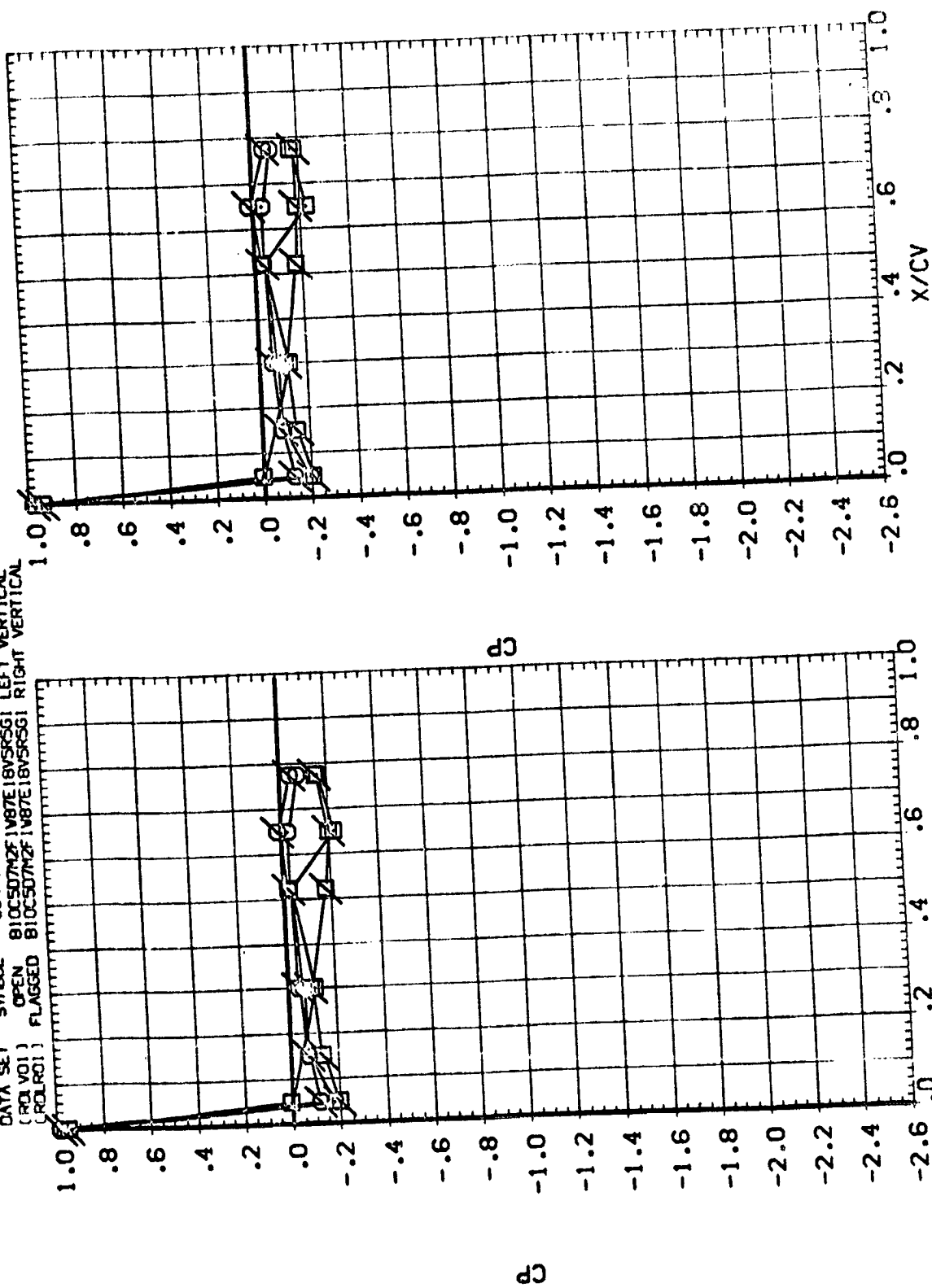
ELEVTR	.000	RUDDER	.000
RUDFLR	40.000	FLAP	-18.000

SYMBOL Z:BN ALPHA BETA

○	.840	14.240	.000
□	.925	16.230	

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ROI VOL)	810C507N2F1V87E18VSRSG1	LEFT VERTICAL
(ROIROI)	810C507N2F1V87E18VSRSG1	RIGHT VERTICAL



### PARAMETRIC VALUES

ELEVTR  
RJDCLR

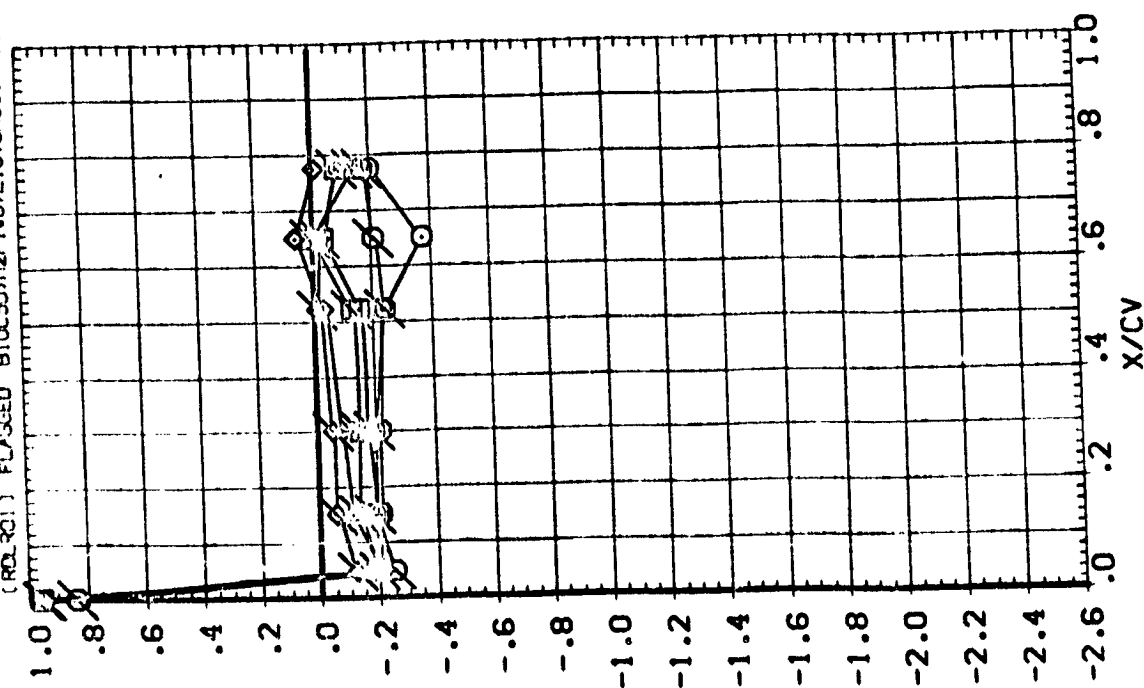
SYMBOL	Z/BV	ALPHA	BETA
0	158	19.300	.000

18/7 70845

३३

0 0  
1 0  
2 0

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION
OPEN	B10C5D7N2F	1187E18VSR5G1	LEFT VERTICAL
(ROLV01)	B10C5D7N2F	1187E18VSR5G1	RIGHT VERTICAL



X/CV

CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR

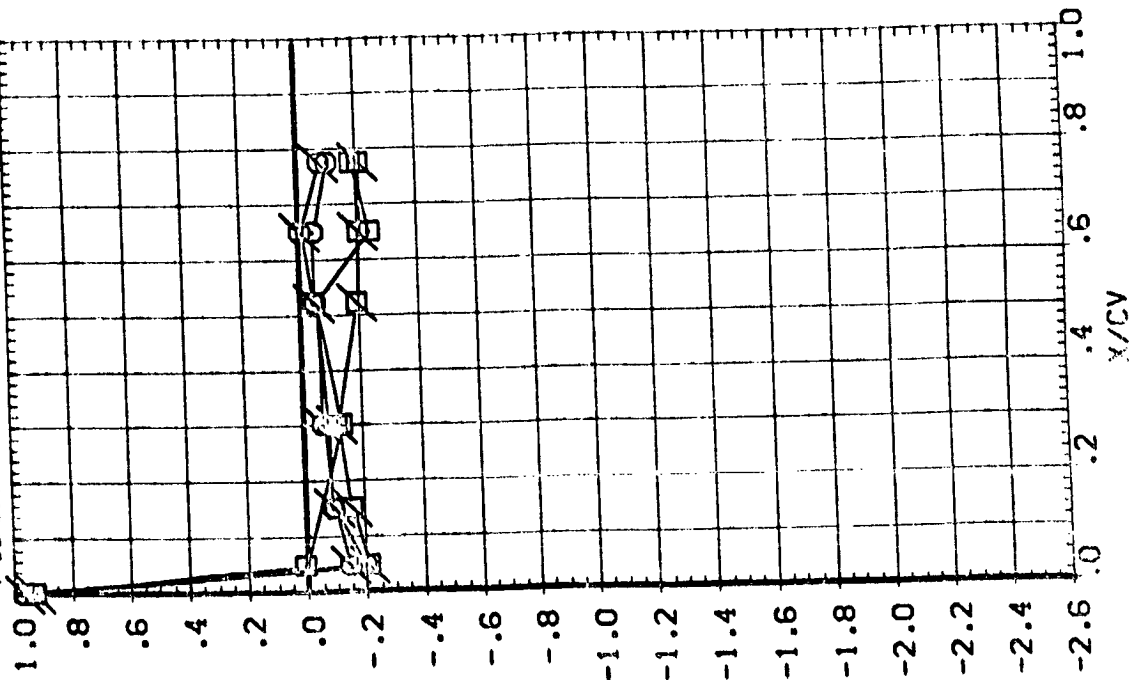
PAGE 58C

SYMBOL Z/BV .843 .925

ALPHA 18.300 BETA .000

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (R01V01) OPEN B1 307M2F1V87E18VSRSG1 LEFT VERTICAL  
 (R01R01) FLAGGED B10C307M2F1V87E18VSRSG1 RIGHT VERTICAL



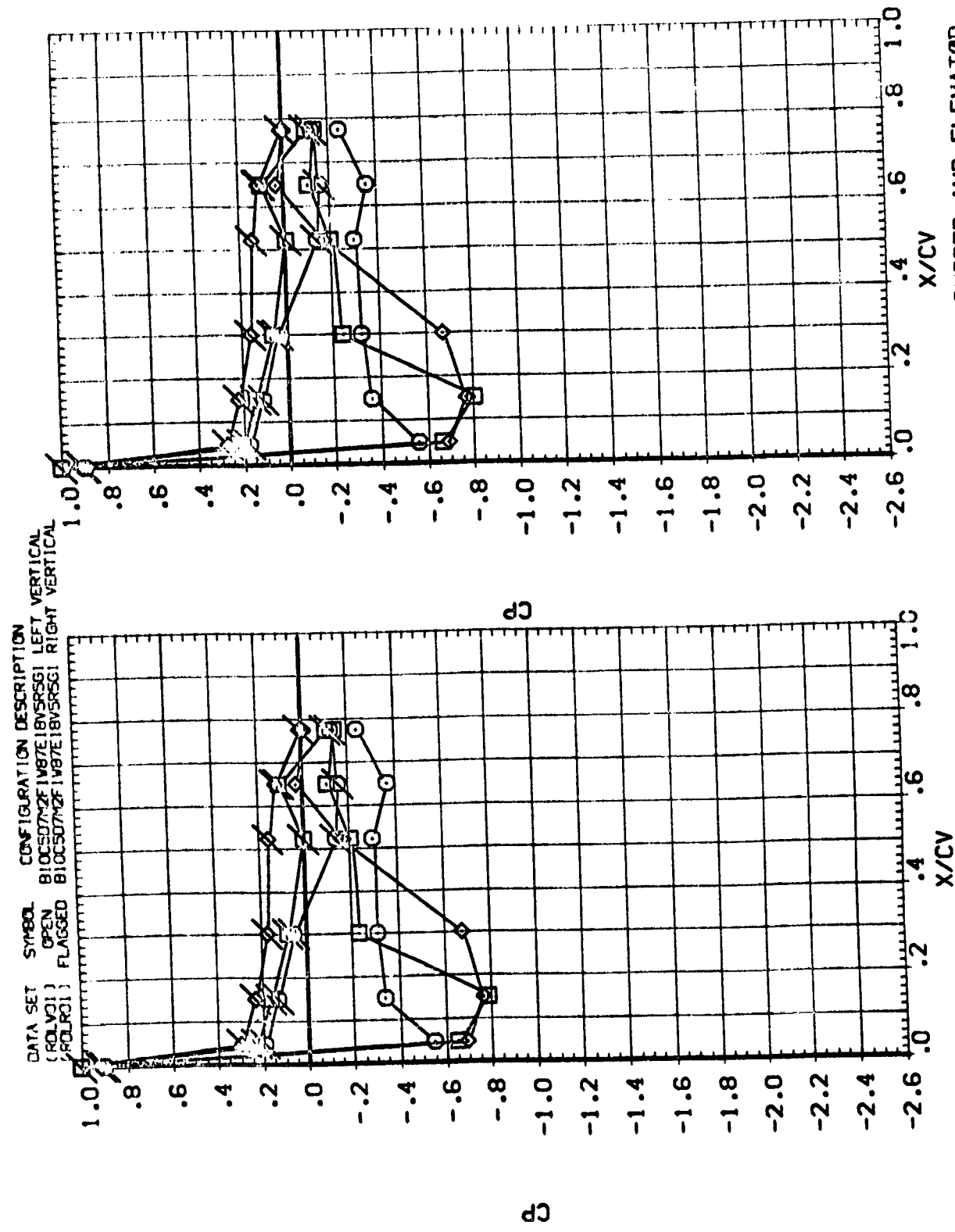
CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELE A1CR  
 PAGE 531

PARAMETRIC VALUES

ELEVTR	.000	RUDDER	.000
RUDFLR	40.000	FLAP	-13.000

SYMBOL Z/BV ALPHA BETA

□	.158	-3.030	5.000
◇	.316	-1.010	
◇	.600		



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR

PAGE 582



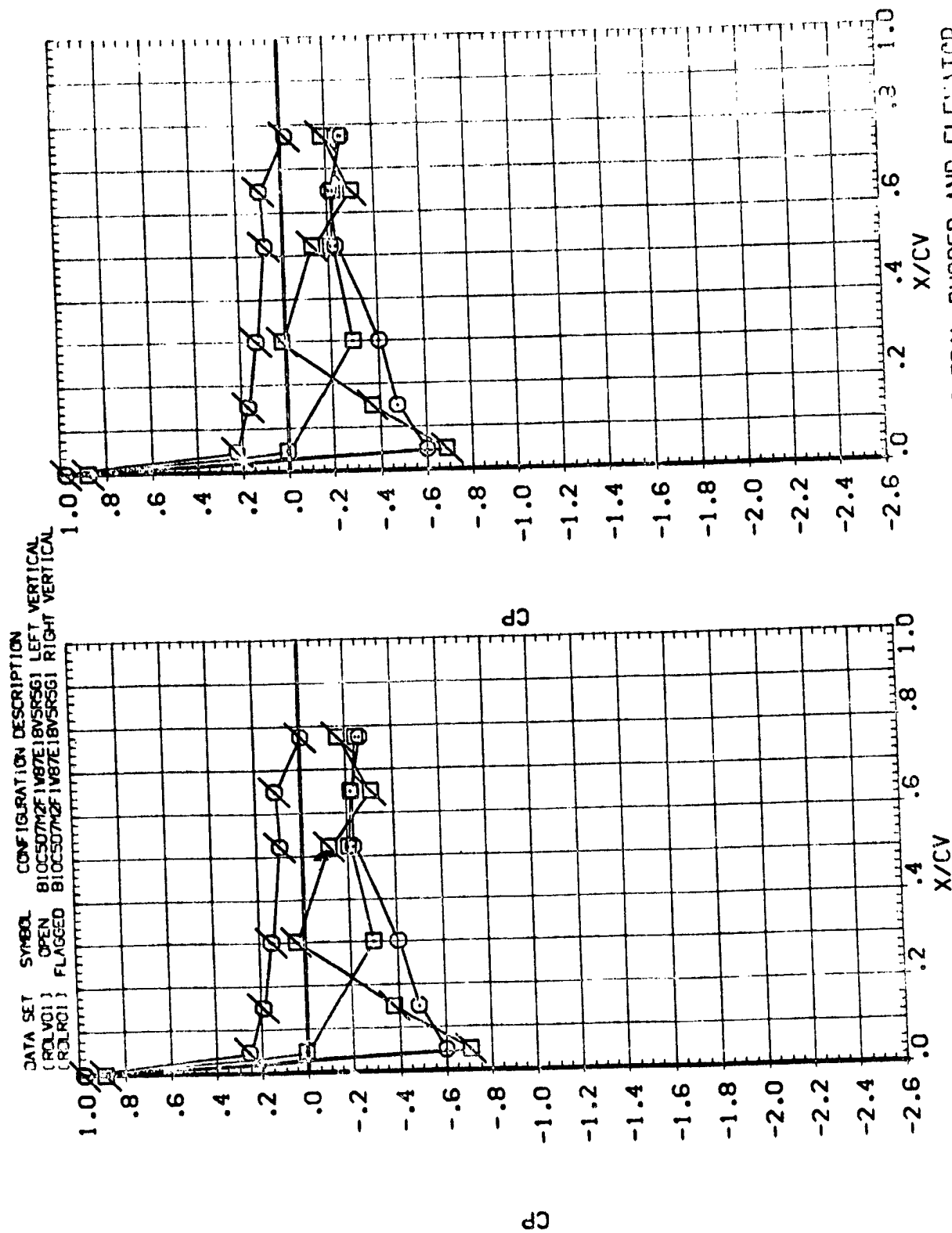
SYMBOL  
○  
□

Z/BV  
.840  
.925

ALPHA  
-3.030  
-1.010

BETA  
5.000

PARAMETRIC VALUES  
ELEVTR .000  
RUOFLR 40.000  
RUDDER .000  
FLAP -18.000



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR



PARAMETRIC VALUES

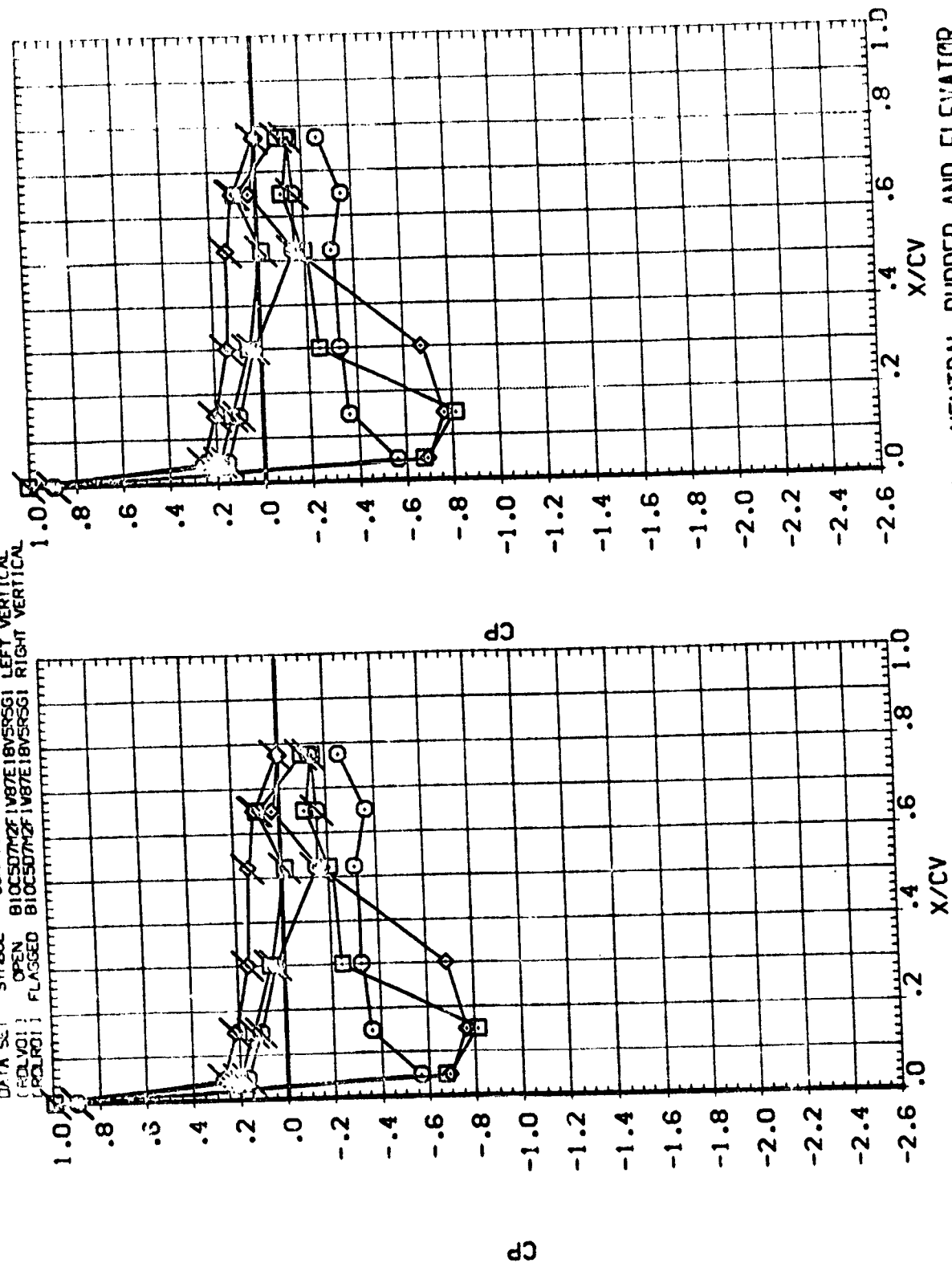
ELEVTR	.000	RUDDER	.000
RUDDFLR	40.000	FLAP	-18.000

SYMBOL Z/BV ALPHA BETA

○	.158	.010	5.000
□	.316	.990	
◇	.600		

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(POLV01)	OPEN	B10C5D7M2F1V87E18VSXSG1	LEFT VERTICAL
(POLR01)	FLAGGED	B10C5D7M2F1V87E18VSXSG1	RIGHT VERTICAL



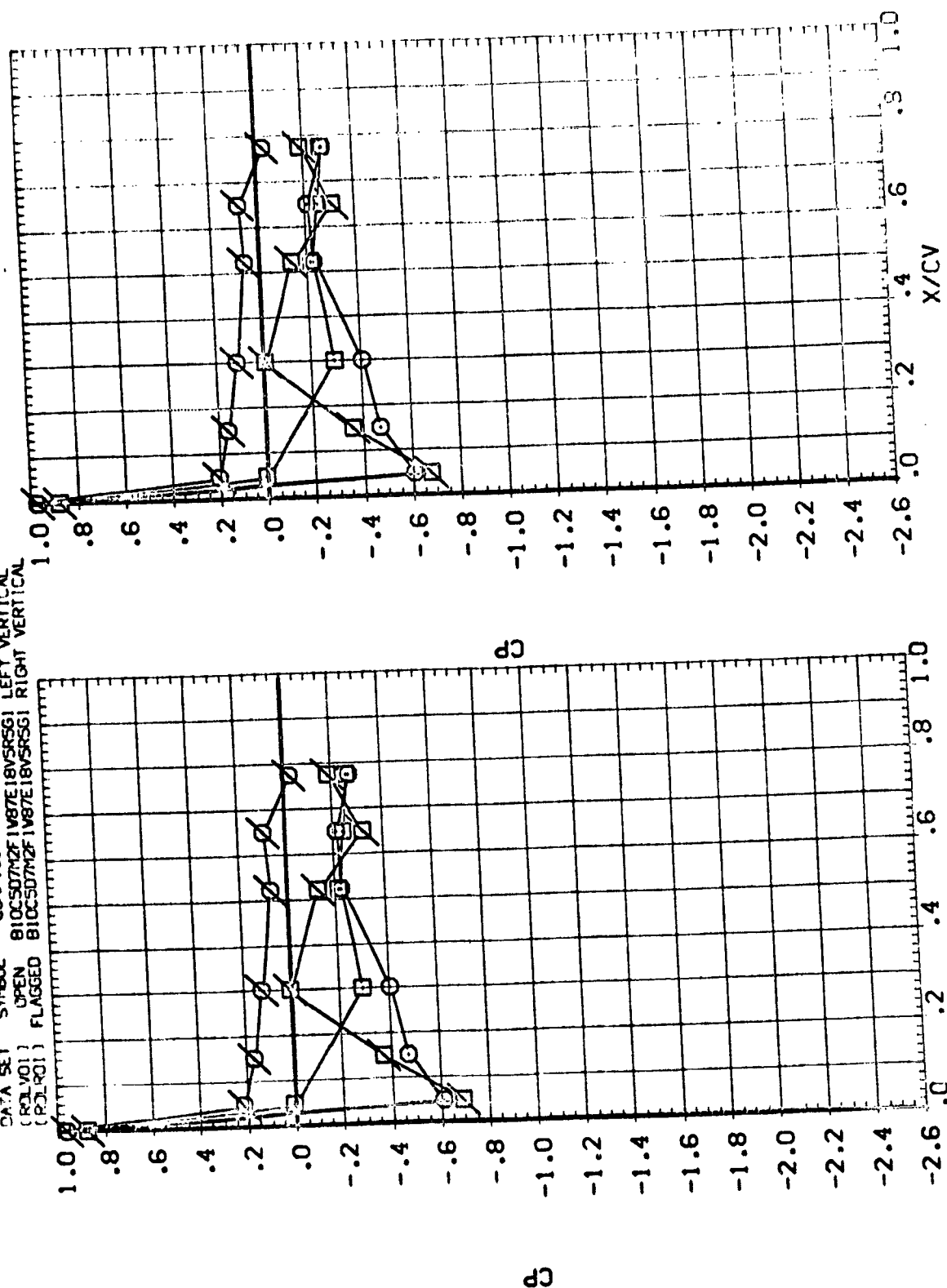
CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES  
 .000 RUDDER  
 .000 SLAP  
 40.000

ELEVTR  
 RUDDER

SYMBOL Z/BV ALPHA BETA  
 .840 .010 5.000  
 .925 .990

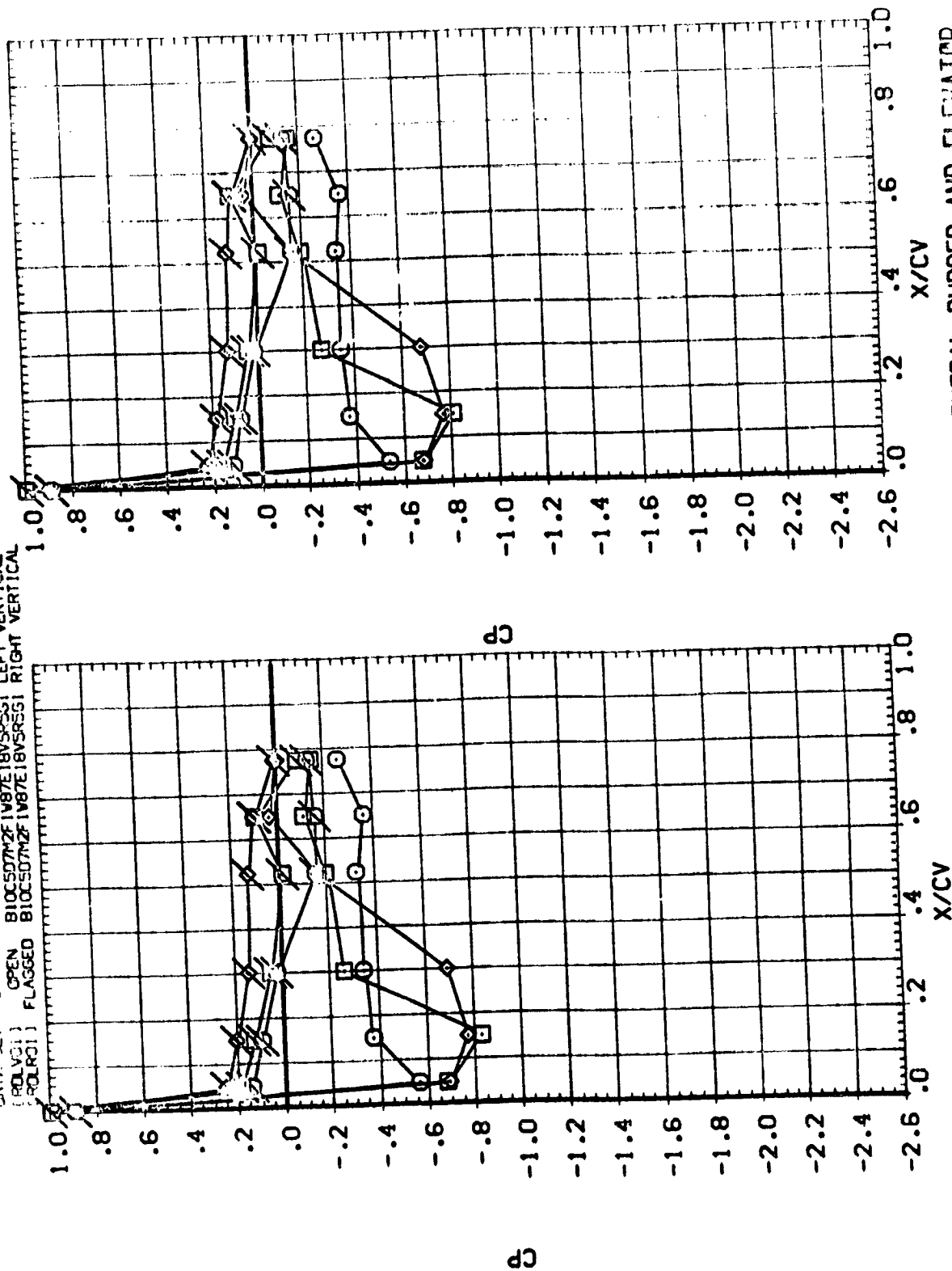
DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (POLVOI) OPEN 810C507MZF 1V67E18VSRSGI LEFT VERTICAL  
 (POLROI) FLAGGED 810C507MZF 1V67E18VSRSGI RIGHT VERTICAL



PAGE 2 OF 3  
ELEVTR 0.000 RUDDER 0.000  
RUDFLR 40.000 FLAP -18.000

SYMBOL Z/BV ALPHA BETA  
□ 1.58 2.020 5.000  
□ 3.16 4.020  
◇ .600

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
(POLV31) OPEN B10C5D7MZF1V87E18VSP5S1 LEFT VERTICAL  
(POLR01) FLAGGED B10C5D7MZF1V87E18VSP5S1 RIGHT VERTICAL



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR  
PAGE 596



SYMBOL    Z/BV    ALPHA    BETA

○    .840    2.020    5.000

□    .925    4.020

PARAMETRIC VALUES

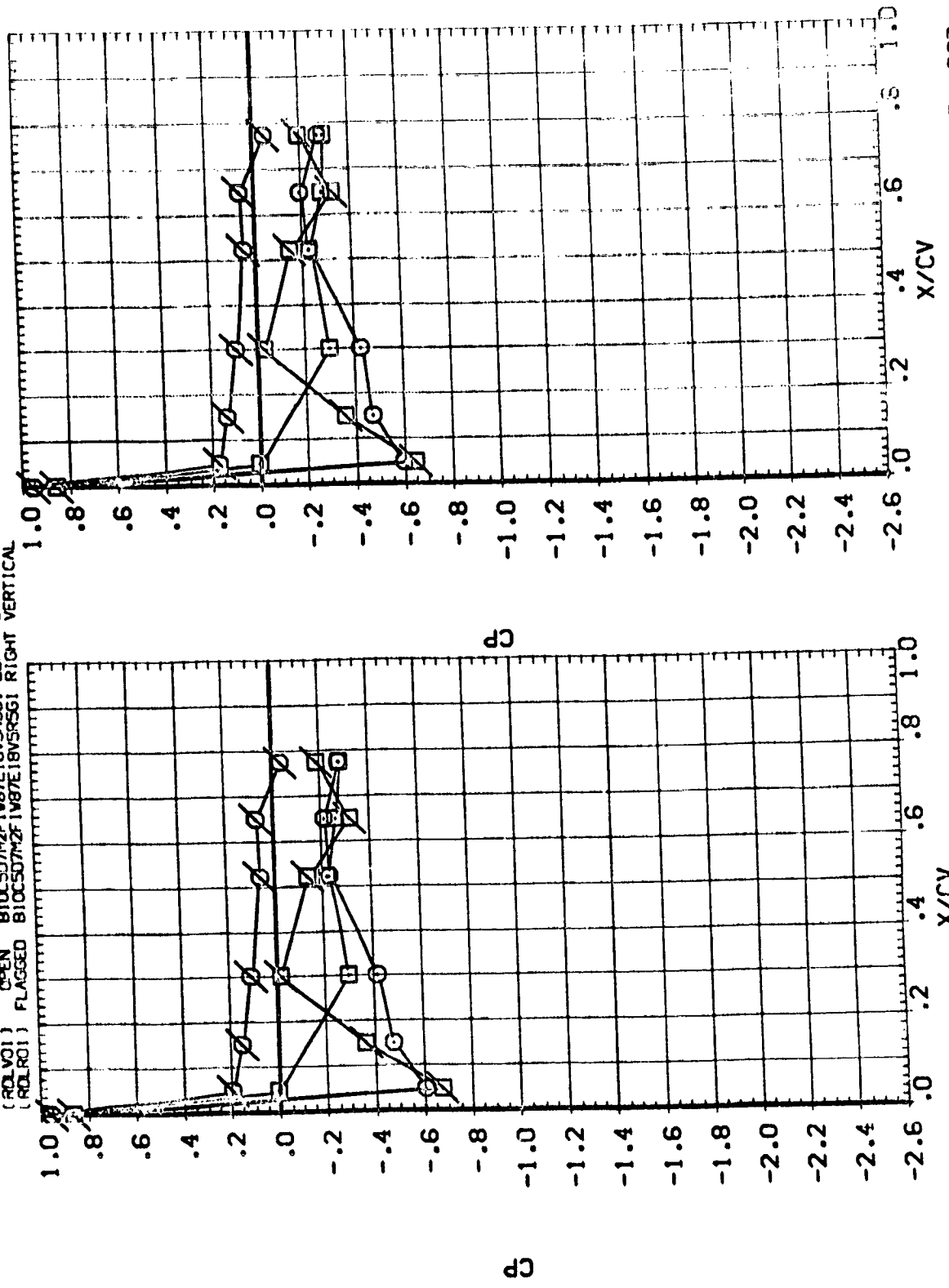
ELEVTR    .000    RUDDER    .000

RUDDLR    40.000    FLAP    -18.000

DATA SET    SYMBOL    CONFIGURATION DESCRIPTION

(ROLV01)    OPEN    B10C507MZF1V87E18VSRSG1 LEFT VERTICAL

(ROLV01)    FLAGGED    B10C507MZF1V87E18VSRSG1 RIGHT VERTICAL

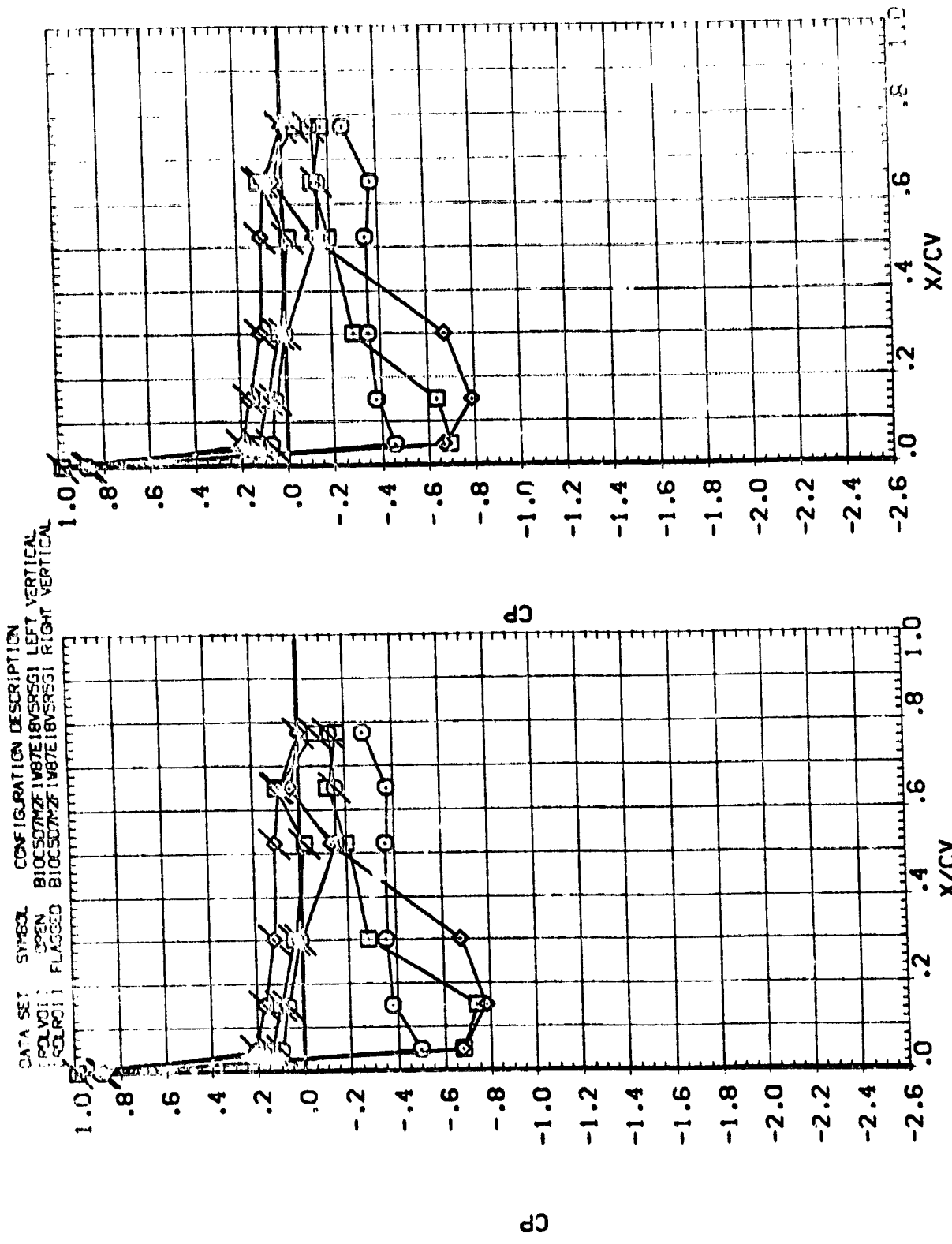


CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR

PAGE 587

ELEVTR 1.000 2.000 3.000  
 ELEVTR 40.000 40.000 40.000

SYMBOL Z/BV ALPHA BETA  
 .158 5.070 5.000  
 .315 5.120  
 .600



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 598



SYMBOL  
□

Z/BV  
.840  
.925

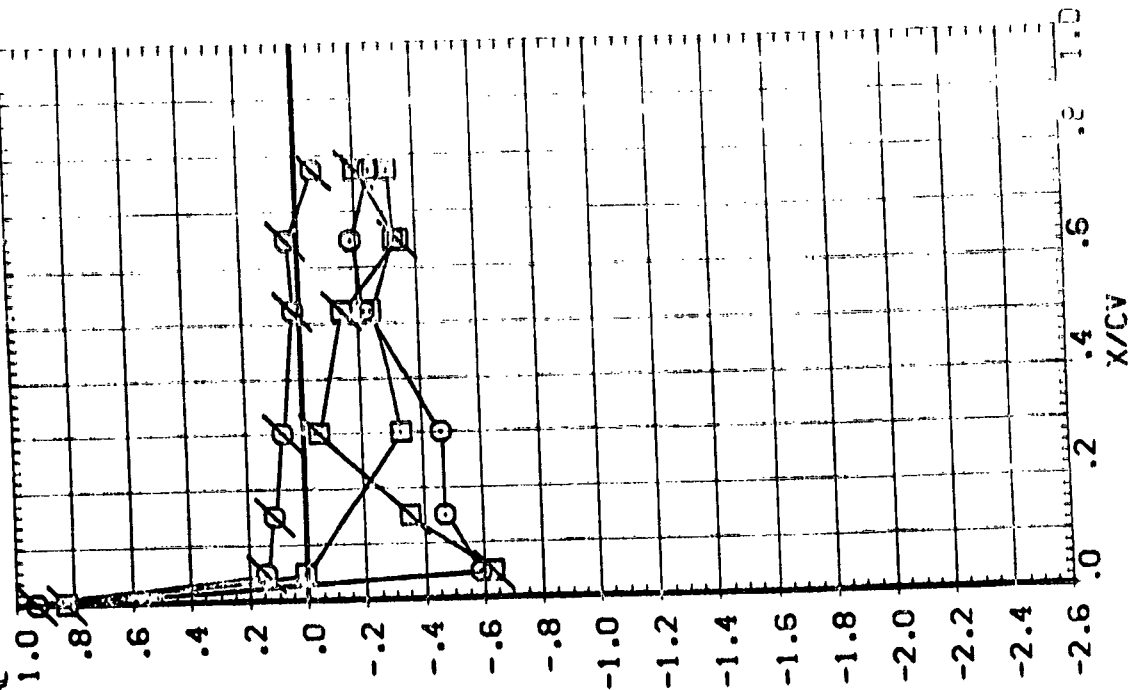
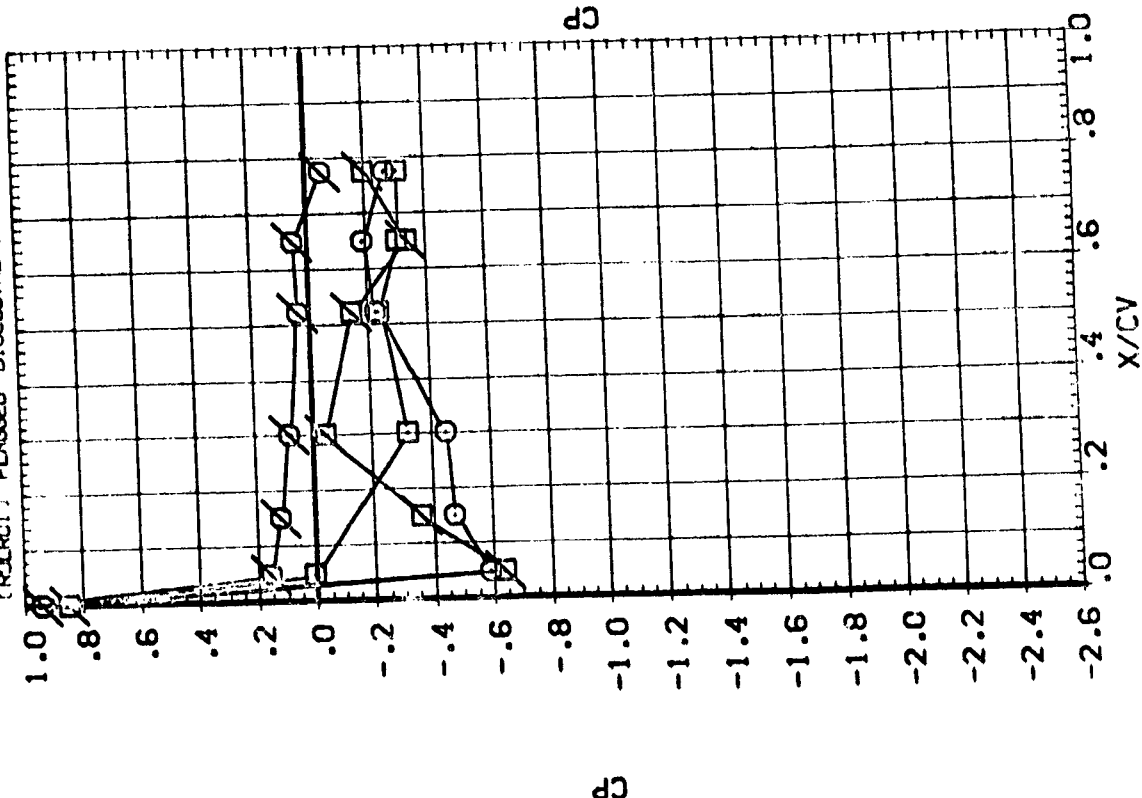
ALPHA  
6.070  
8.120

BETA  
5.000

ELEVTR  
R2JFLR

PARAMETRIC VALUES  
.000 R2JFLR  
40.000 FLAP  
-13.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
(R2JFLR) OPEN B10C507MZF1V87E18VSR551 LEFT VERTICAL  
(R2JFLR) FLAGGED B10C507MZF1V87E18VSR551 RIGHT VERTICAL

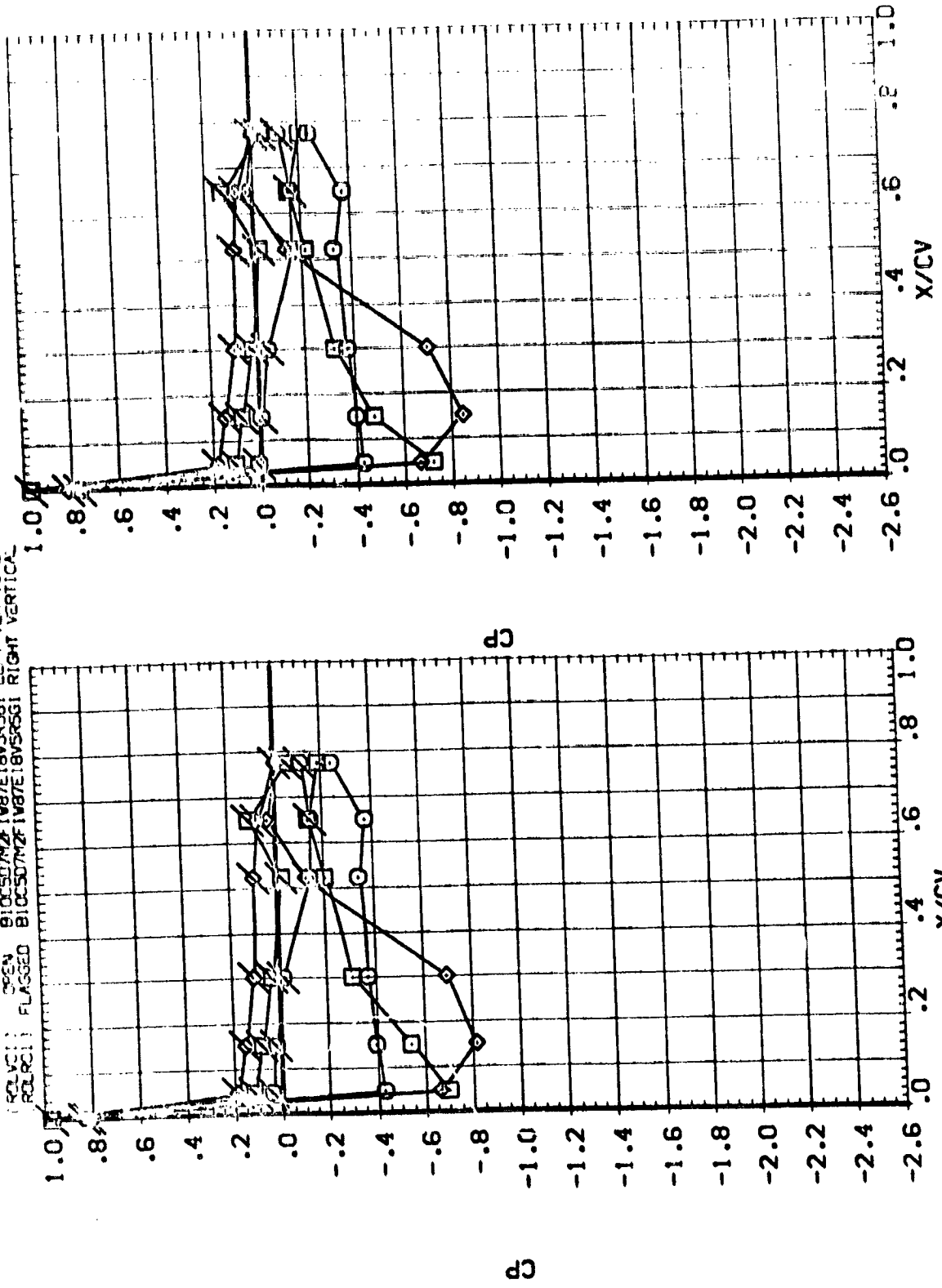


CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELE VTR

ELEVTR 10000 10000 10000  
 RUDDER 40.000 40.000 40.000

SYMBOL Z/BV ALPHA BETA  
 .158 10.150 5.000  
 .316 12.190  
 .500

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (POLVC) OPEN 910C507MZF1V87E18V5RSG1 LEFT VERTICAL  
 (POLVC) FLAGGED 910C507MZF1V87E18V5RSG1 RIGHT VERTICAL

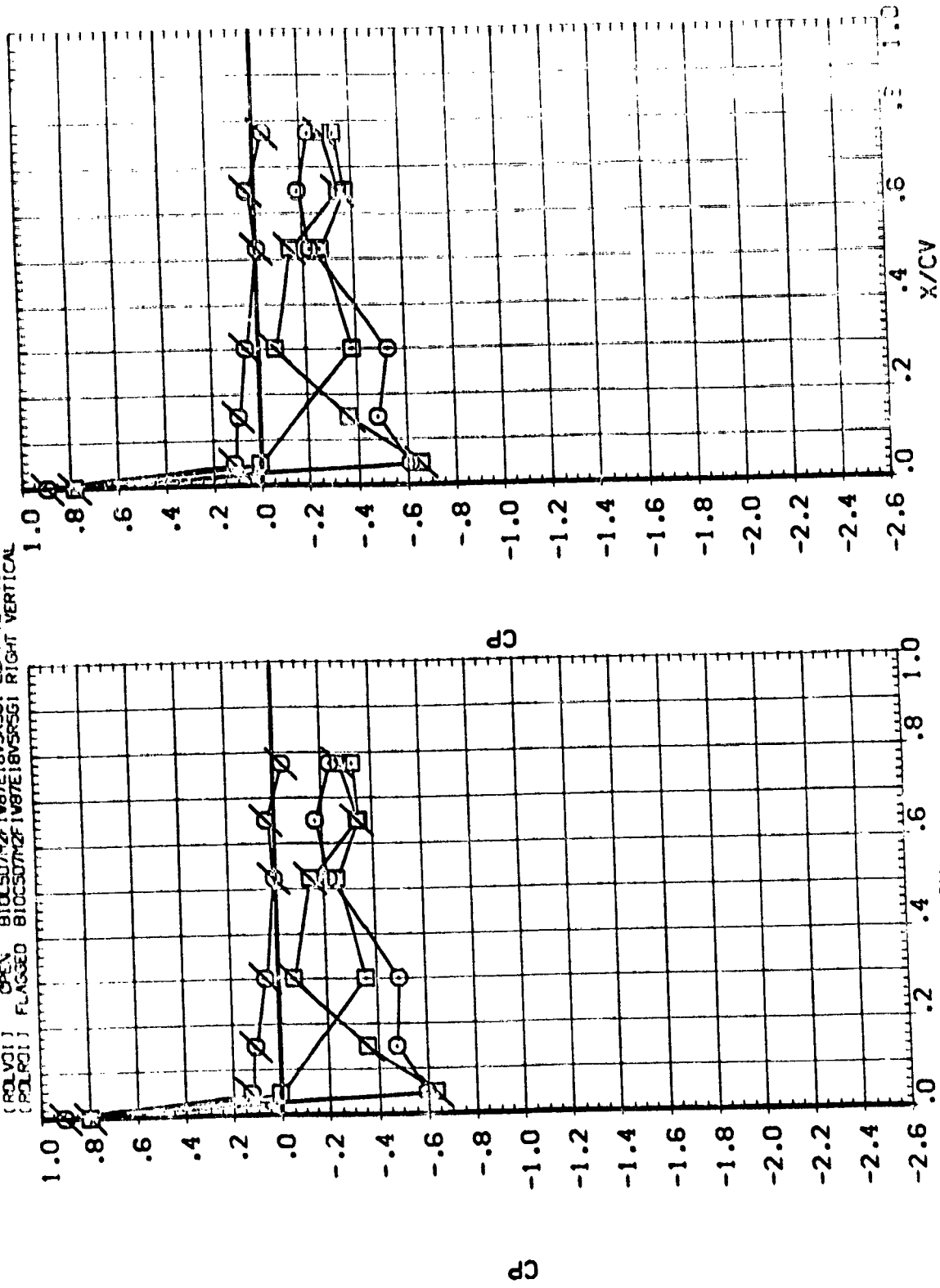


CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 500

PARAMETRIC VALUE  
ELEVTR .000 2.000  
RDFLR 40.000 FLAP - 3.000

SYMBOL Z/BV ALPHA BETA  
□ .843 10.150 5.000  
□ .925 12.180

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
(POLV01) OPEN 810C507M2F1V87E18VSR5G1 LEFT VERTICAL  
(POLR01) FLAGGED 810C507M2F1V87E18VSR5G1 RIGHT VERTICAL



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELE. 112R  
PAGE 591



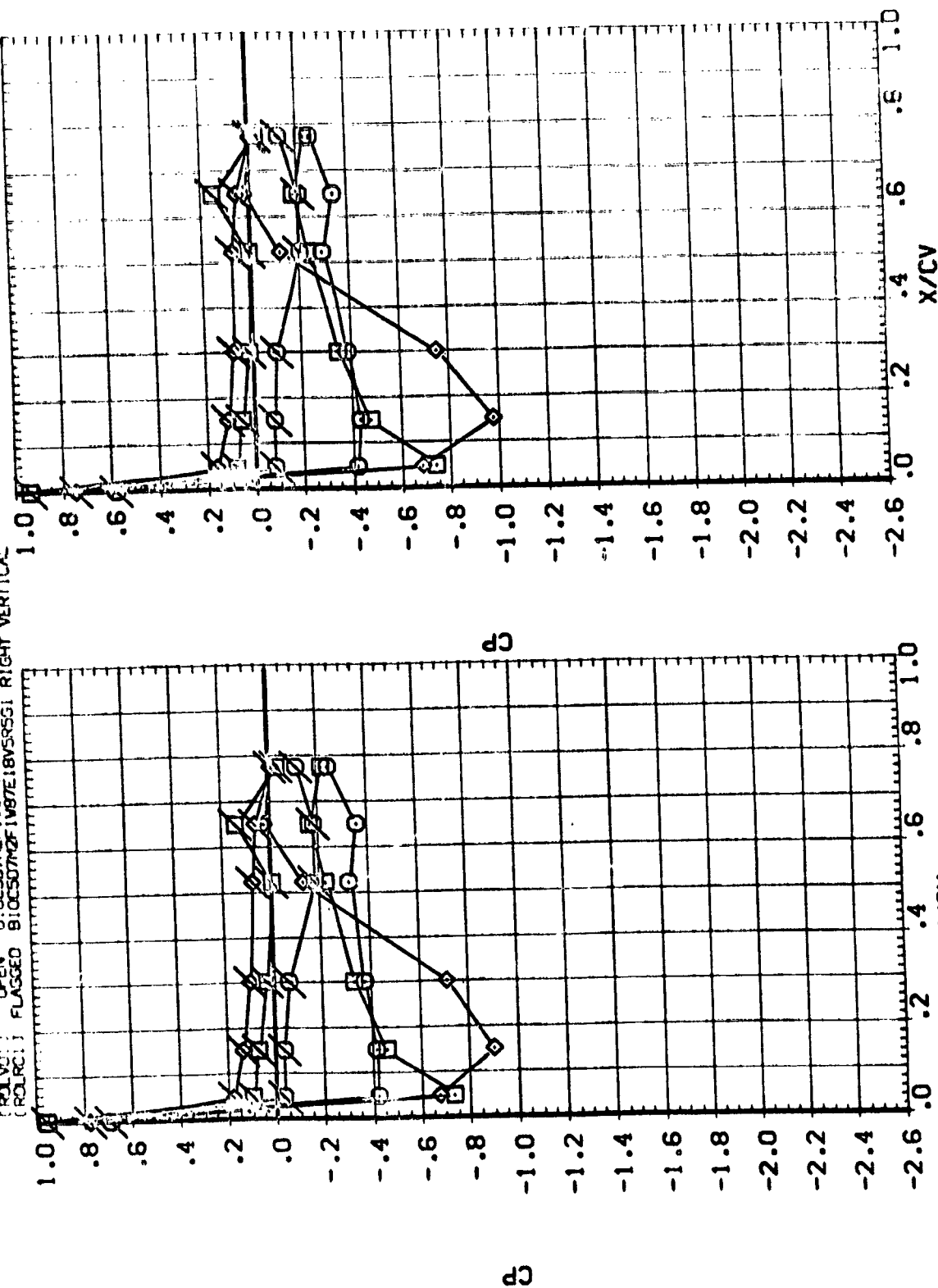
U. S. DEPARTMENT OF AGRICULTURE

Symbol	ABZ	Z/8V	ALPHA	BETA
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<input type="checkbox"/>	315		16.250	
<input type="checkbox"/>				
<input checked="" type="checkbox"/>	600			

ALPHA	BETA
14.220	5.000
16.250	

AS/Z	DB-AS
.600	◇
.315	□
.158	○

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION
(POLVC)	OPEN	B10C507MZF1V87E18V5R5G1	LEFT VERTICAL
(POLRC)	FLAGGED	B10C507MZF1V87E18V5R5G1	RIGHT VERTICAL



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR

200  
4440

PARAMETRIC VALUES

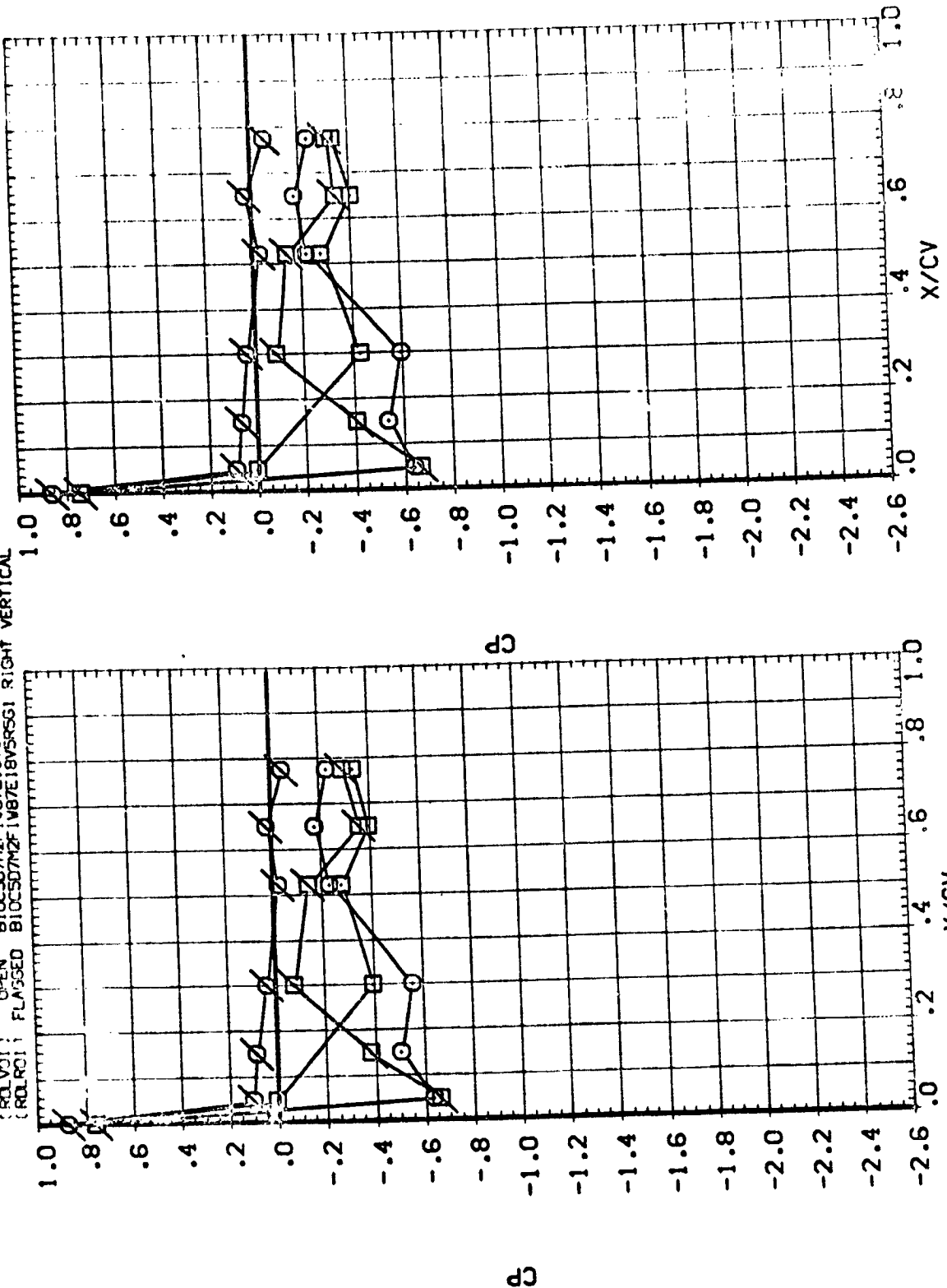
ELEVTR	.000	.000
RUDFLR	40.000	-18.000
	FLAP	

SYMBOL    Z/BV    ALPHA    BETA

○	.840	14.220	5.000
□	.925	15.250	

DATA SET    SYMBOL    CONFIGURATION DESCRIPTION

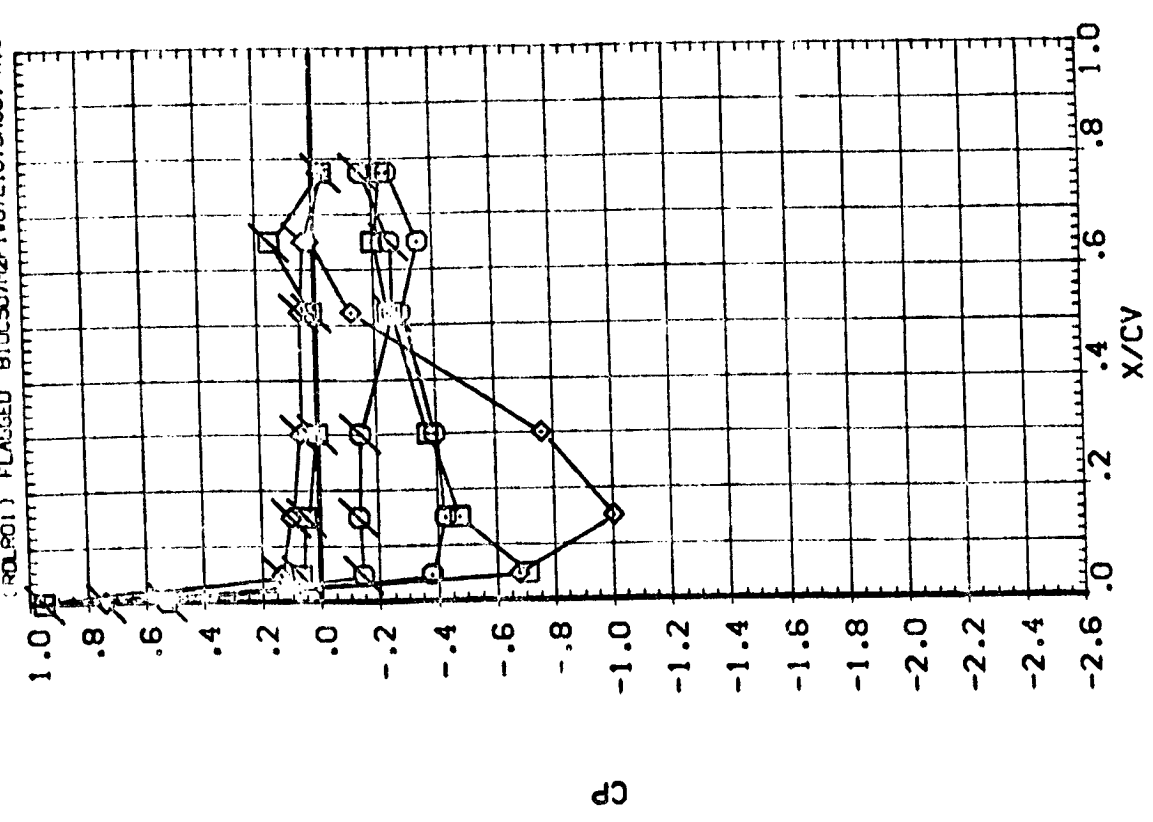
(ROLV01)	OPEN	B10C5D7M2F1V87E18V5R5SG1	LEFT VERTICAL
(ROLR01)	FLAGGED	B10C5D7M2F1V87E18V5R5SG1	RIGHT VERTICAL



ELEVTR 1.000 RUDDER 1.000  
 RUDEFLR 40.000 FLAP - 3.000

SYMBOL Z/BV ALPHA BETA  
 ○ .158 18.280 5.000  
 □ .316  
 ◇ .600

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLL) OPEN B1DC507M2F1V87E18VSRSG1 LEFT VERTICAL  
 (ROLL) FLAGGED B1DC507M2F1V87E18VSRSG1 RIGHT VERTICAL



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 524

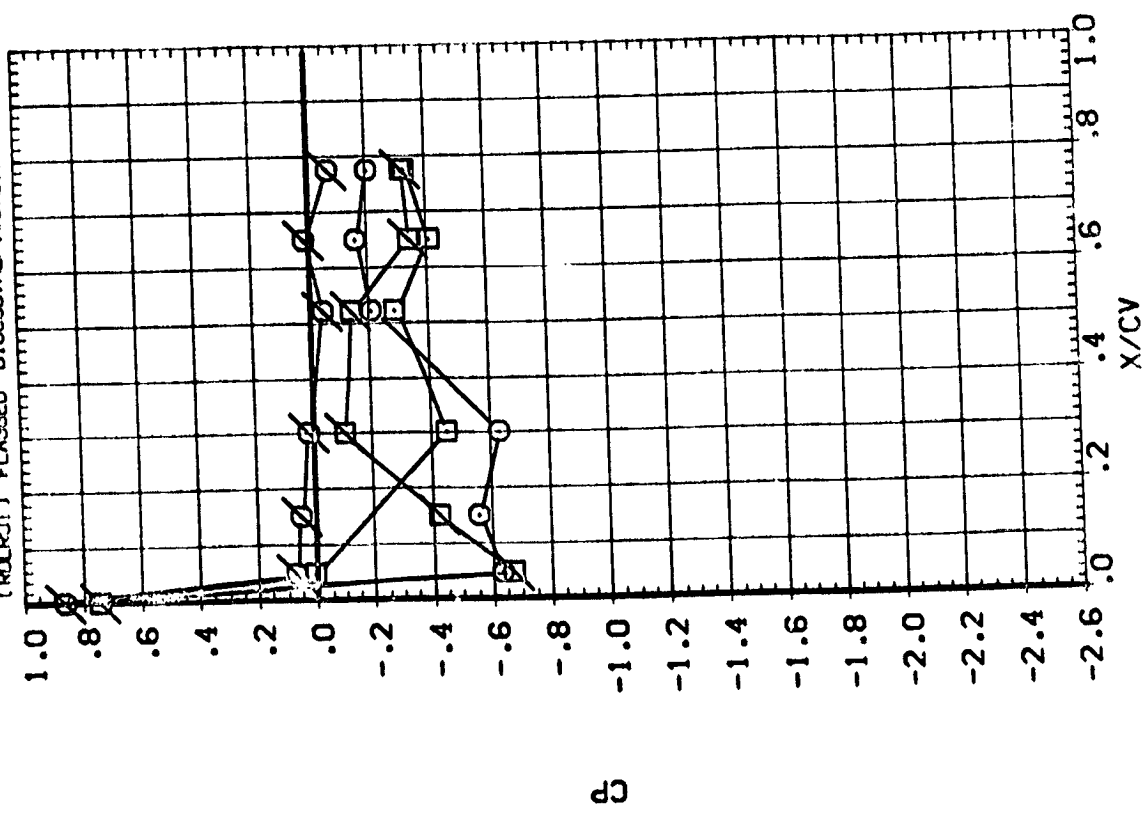


SYMBOL Z/BV  
 ○ .840  
 □ .925

ALPHA 18.280  
 BETA 5.000

ELEVTR .000  
 RUDDER .000  
 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLVOI) OPEN BLOC507MZF1V87E18VSRSG1 LEFT VERTICAL  
 (ROLRO1) FLAGGED BLOC507MZF1V87E18VSRSG1 RIGHT VERTICAL

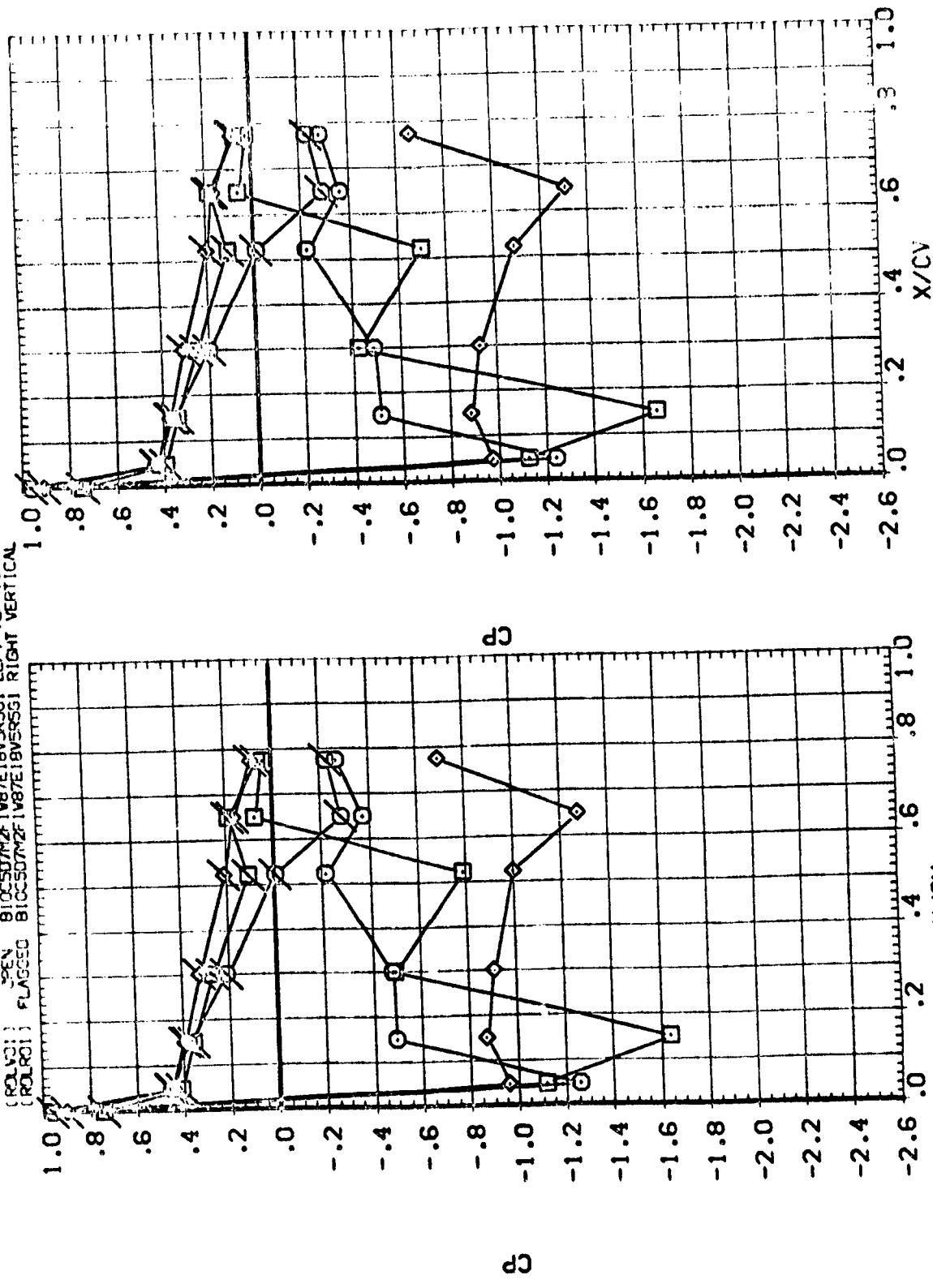


CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 605

PARAMETRIC VALUES  
 ELEVTR 40.000 RUDDER 1.000  
 RUDELR 40.000 FLAP -13.000

SYMBOL Z/BV ALPHA BETA  
 .150 -3.010 10.030  
 .316 -1.030  
 .500

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (POLV) OPEN B10C507MZF1V87E18VSR5S1 LEFT VERTICAL  
 (POLV) FLAGGED B10C507MZF1V87E18VSR5S1 RIGHT VERTICAL

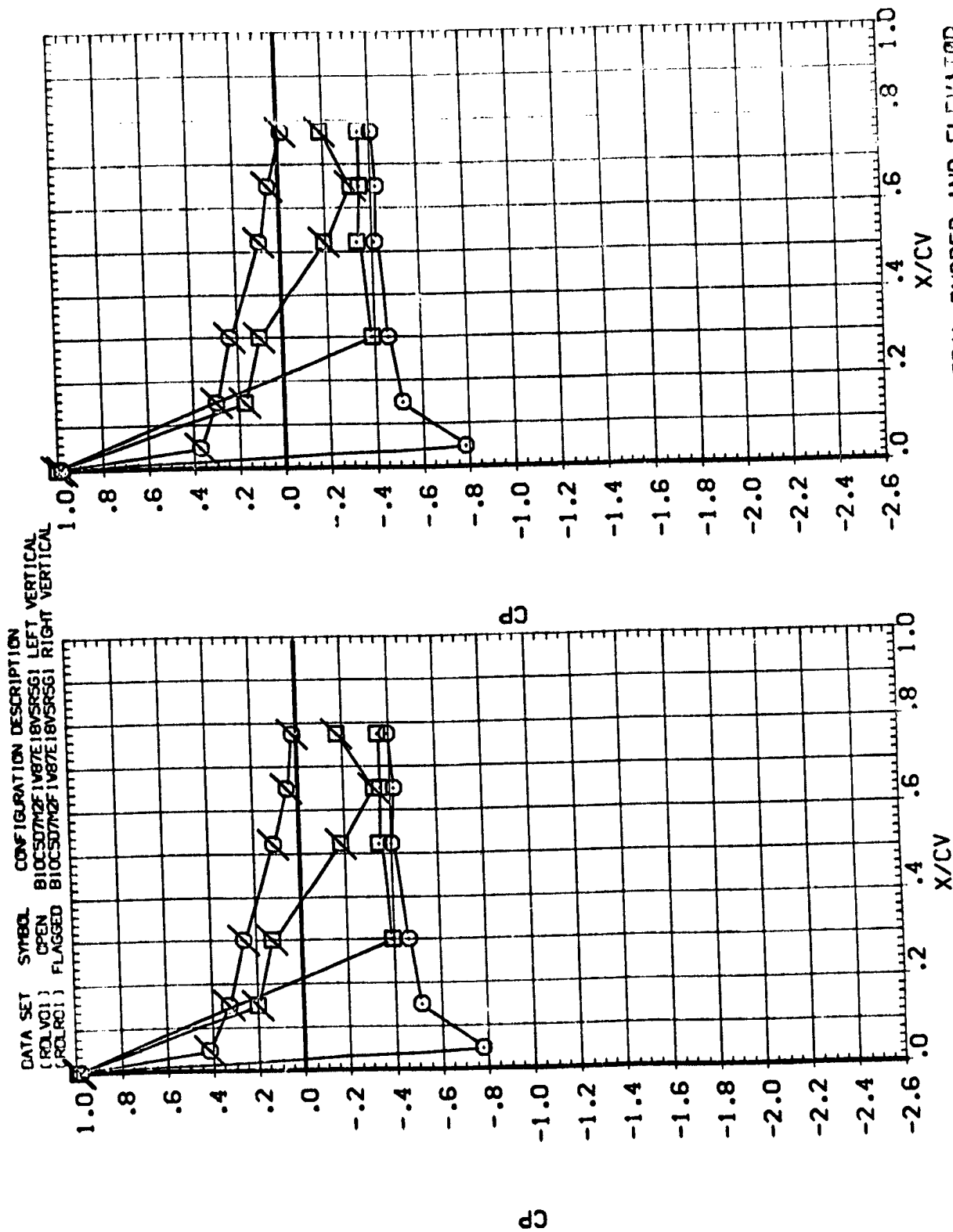


CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 596



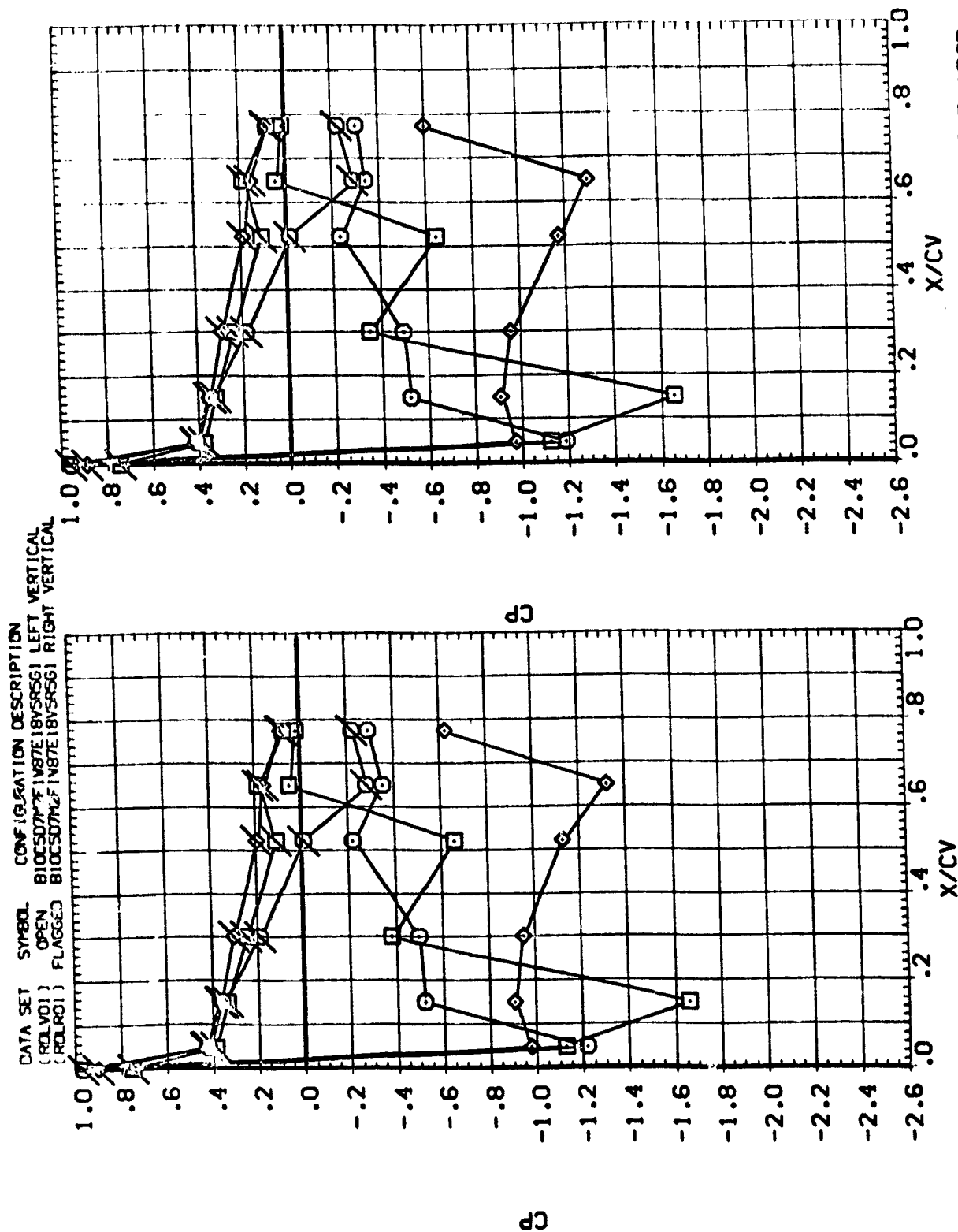
SYMBOL Z/BV ALPHA BETA  
 .840 -3.010 10.030  
 .925 -1.030

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -19.000



PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUDFLR 40.000 FLAP -18.000

SYMBOL Z/BV ALPHA BETA  
 .158 .000 10.030  
 .316 1.020  
 .600



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR

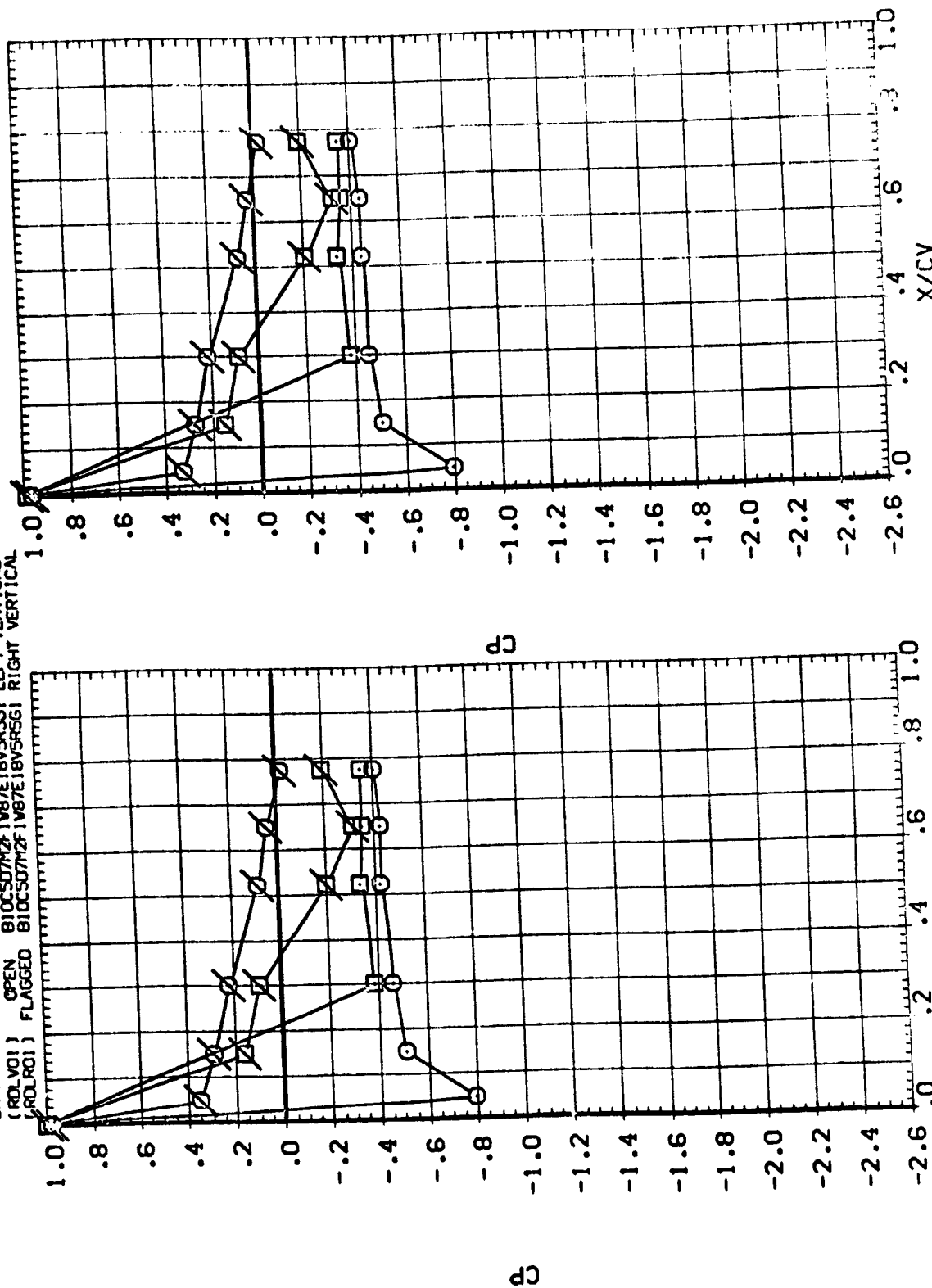


PARAMETRIC VALUES  
 .000 RUDDER  
 .000 FLAP  
 40.000  
 -18.000

ELEVTR  
 RUOFLR

SYMBOL Z/BV ALPHA BETA  
 .840 .000 10.030  
 .925 1.020

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLVO1) OPEN B10C507M2F1V87E18VSR5G1 LEFT VERTICAL  
 (ROLRO1) FLAGGED B10C507M2F1V87E18VSR5G1 RIGHT VERTICAL





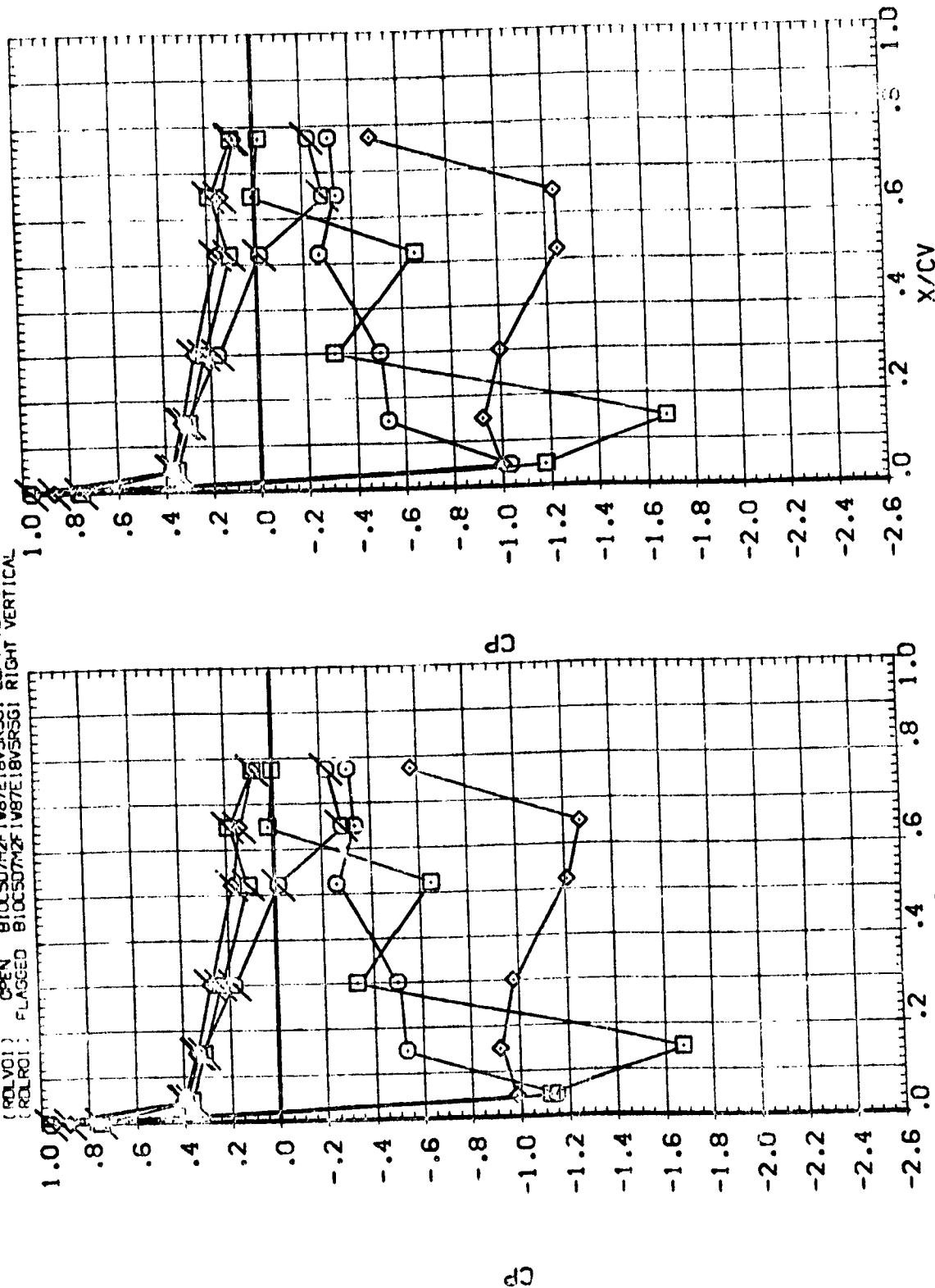
111111

SYMBOL Z/CV  
 ( ) .158  
 [ ] .315  
 ( ) .600

ALPHA BETA  
 2.040 10.030  
 4.050

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RC/FLR 40.000 FLAP -18.000

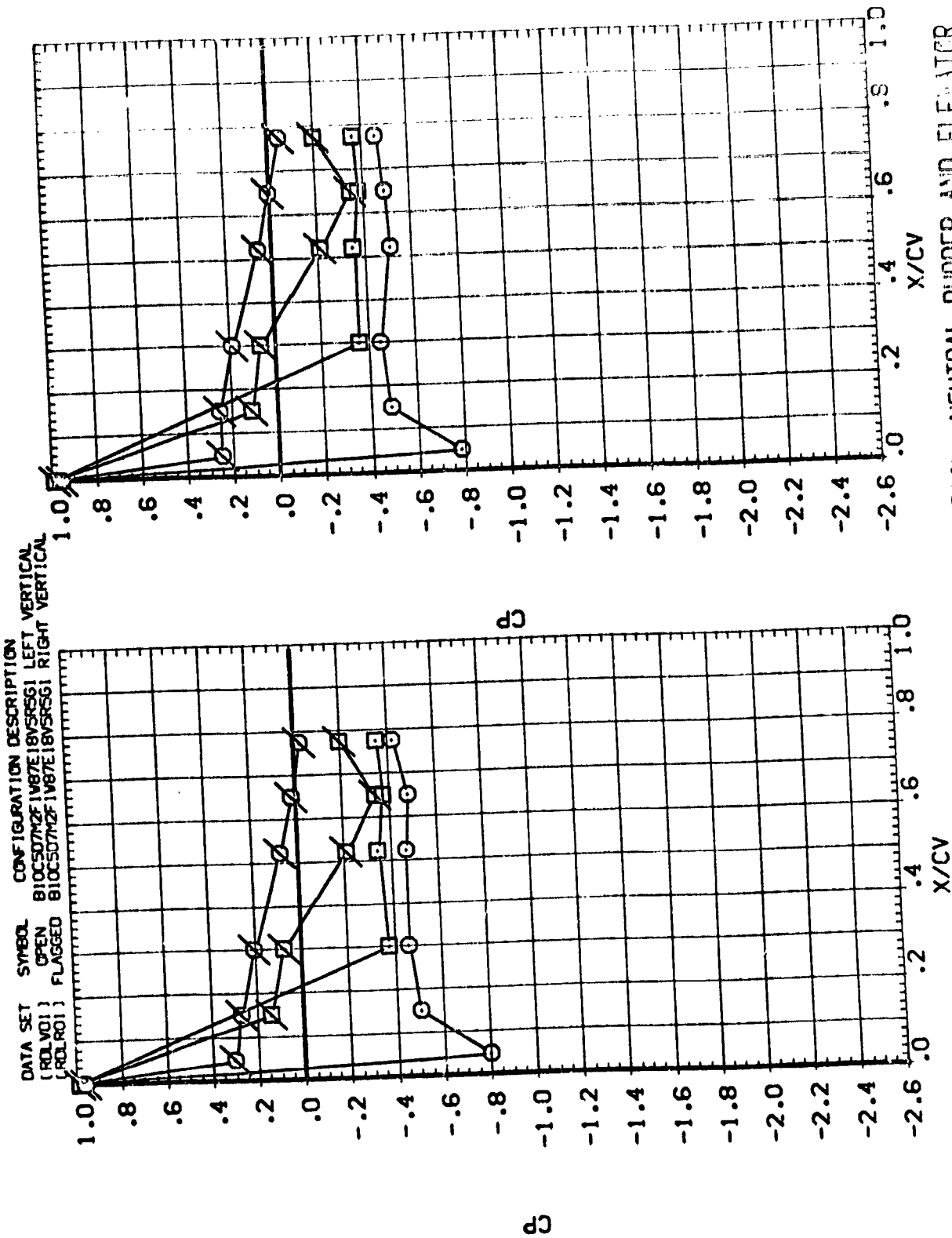
DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLV01) OPEN B10C507MZF1V87E18VSR5G1 LEFT VERTICAL  
 (ROLV01) FLAGGED B10C507MZF1V87E18VSR5G1 RIGHT VERTICAL





SYMBOL Z/BV ALPHA BETA  
 .84U 2.040 10.030  
 .925 4.050

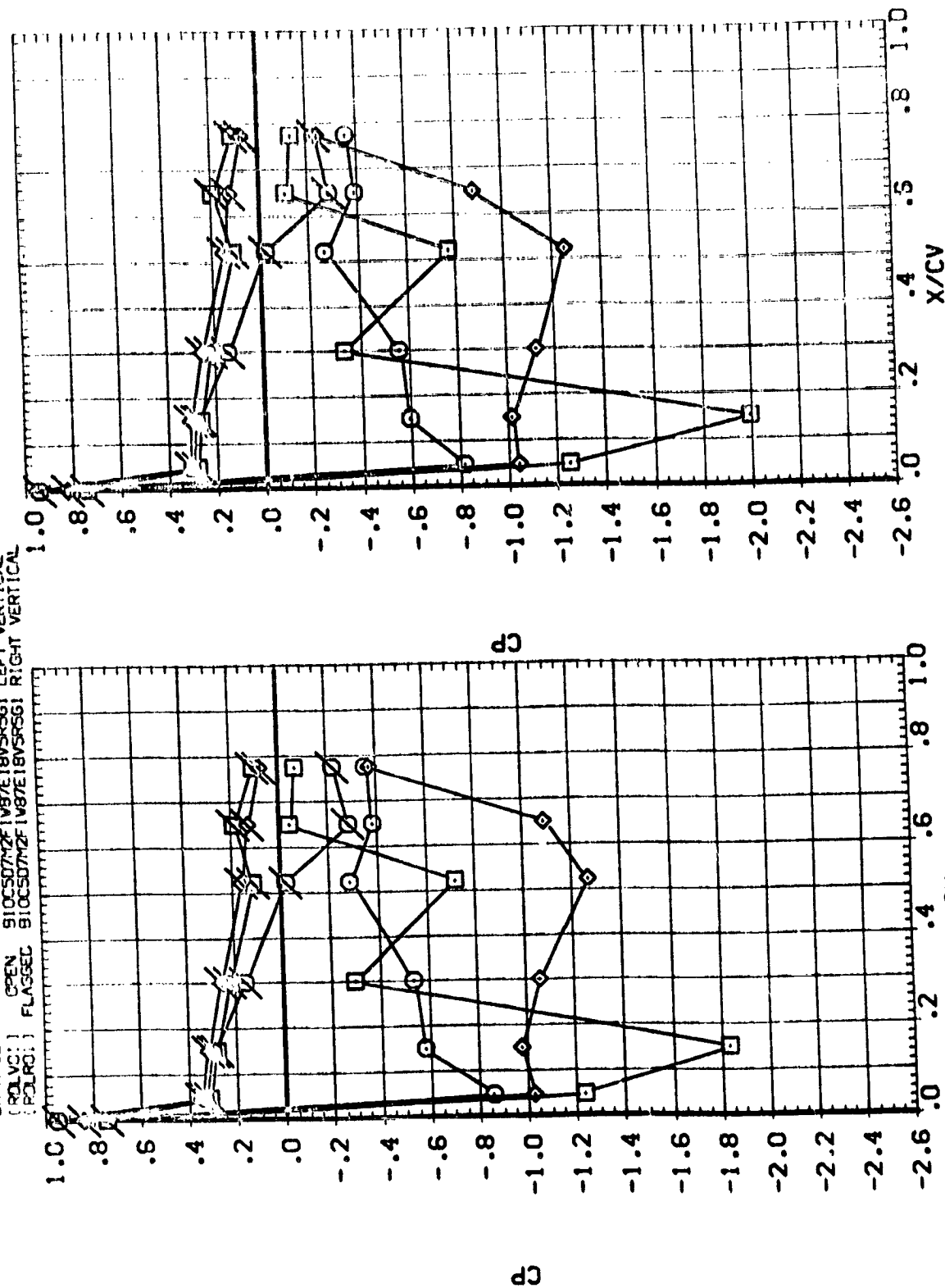
PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



PARAMETER VALUE  
 ELEVTR .000 2.0000  
 RUFLR 40.000 0.000

SYMBOL Z/EV ALPHA BETA  
 .152 6.080 10.330  
 .316 8.100  
 .600

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (POLVC: ) OPEN 910C507MZF1V87E18VSR5G1 LEFT VERTICAL  
 (POLVC: ) FLAGGED 910C507MZF1V87E18VSR5G1 RIGHT VERTICAL



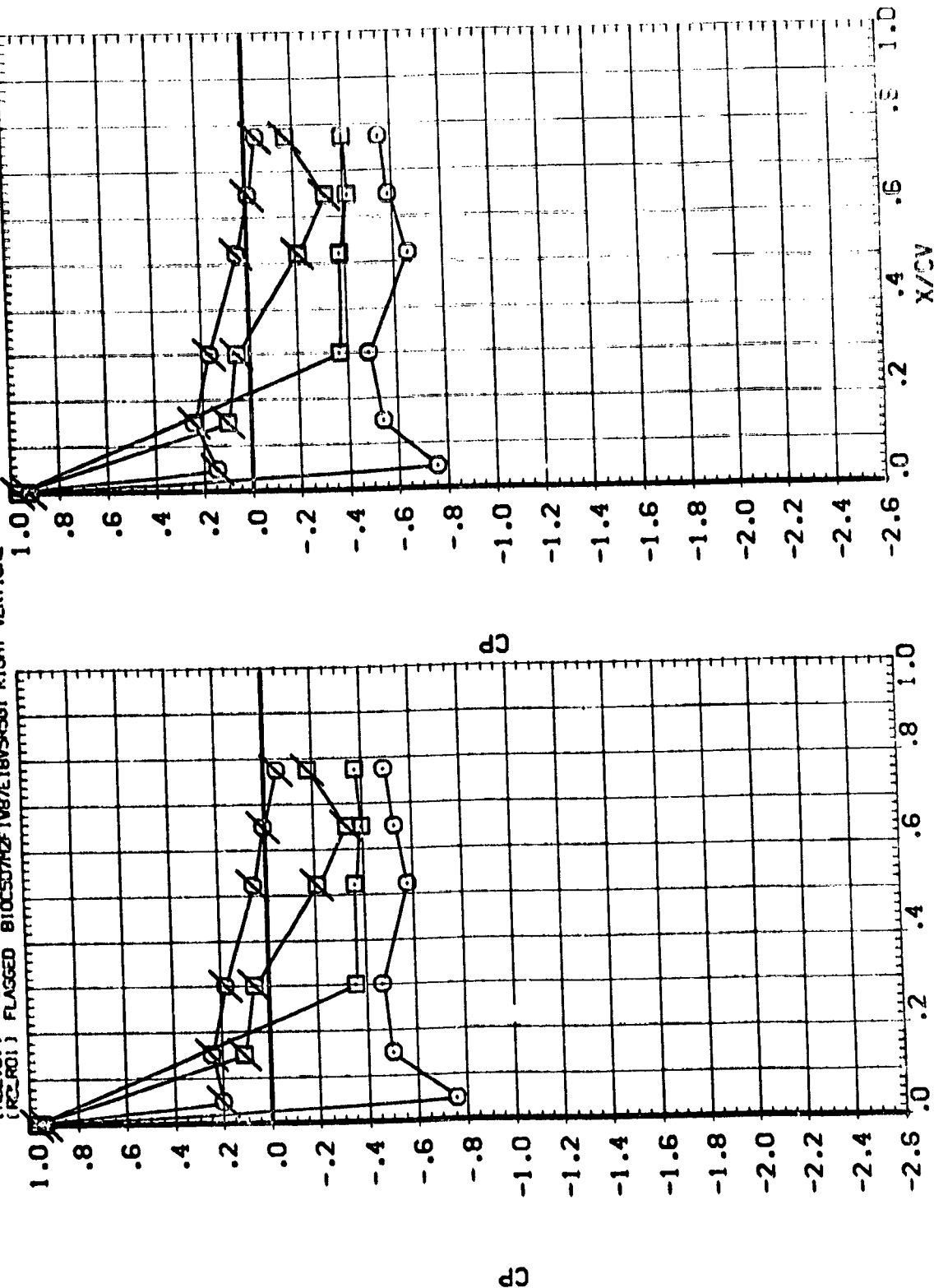
CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR



SYMBOL Z/BV ALPHA BETA  
 O .840 6.080  
 □ .925 8.100

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLV01) OPEN 810C507M2F1V87E18V5R5G1 LEFT VERTICAL  
 (RCLR01) FLAGGED 810C507M2F1V87E18V5R5G1 RIGHT VERTICAL



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL. NEUTRAL RUDDER AND ELEVATOR  
 PAGE 803

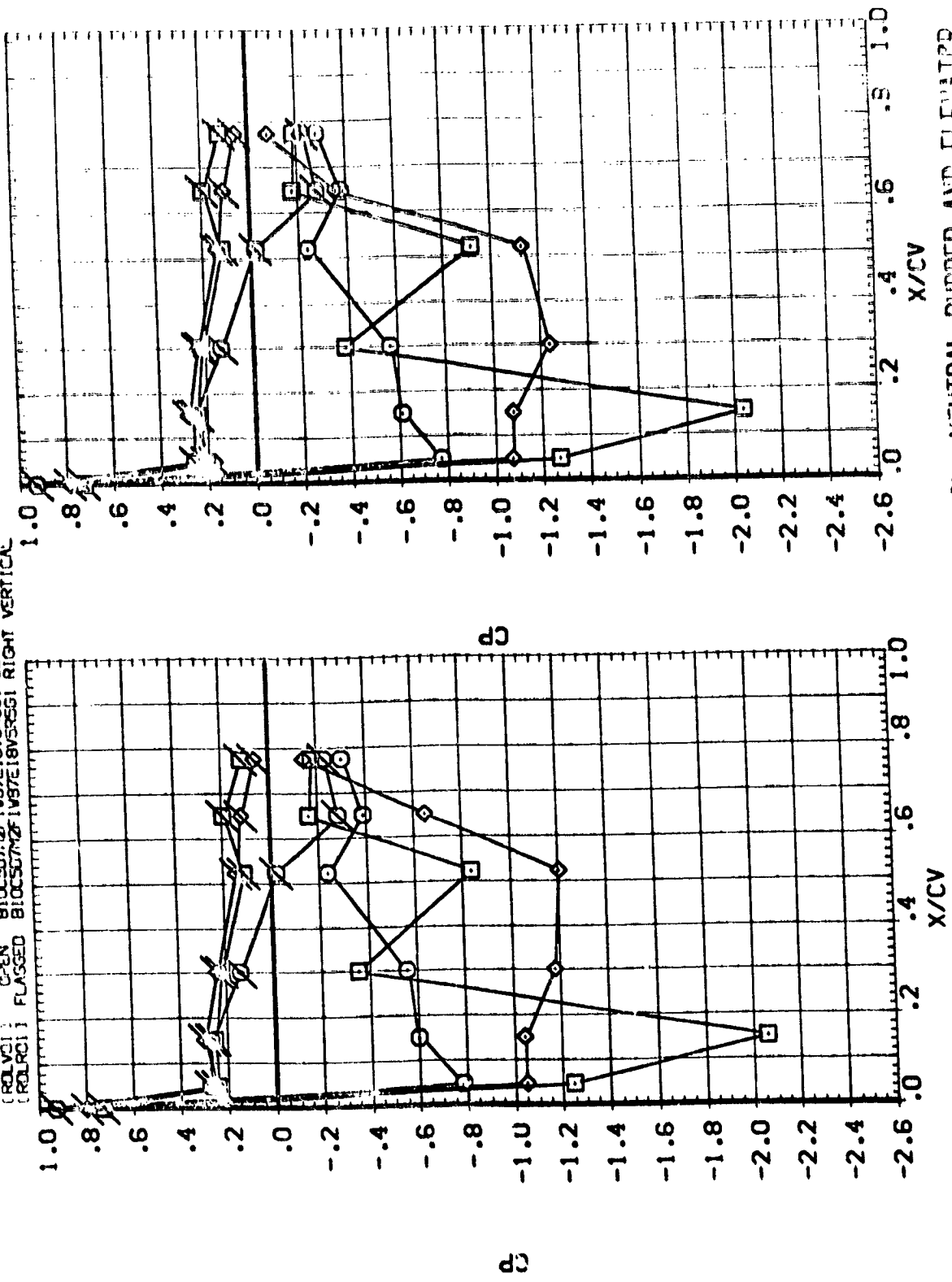
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 .000 .000 .000  
 .000 .000 .000

ELEV  
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ALPHA  
 10.140  
 12.170

SM37L Z/EV  
 .158  
 .316  
 .500

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (REL VCI) OPEN BLOC507M2F1V87E18V5R5G1 LEFT VERTICAL  
 (REL VCI) FLAGGED BLOC507M2F1V87E18V5R5G1 RIGHT VERTICAL

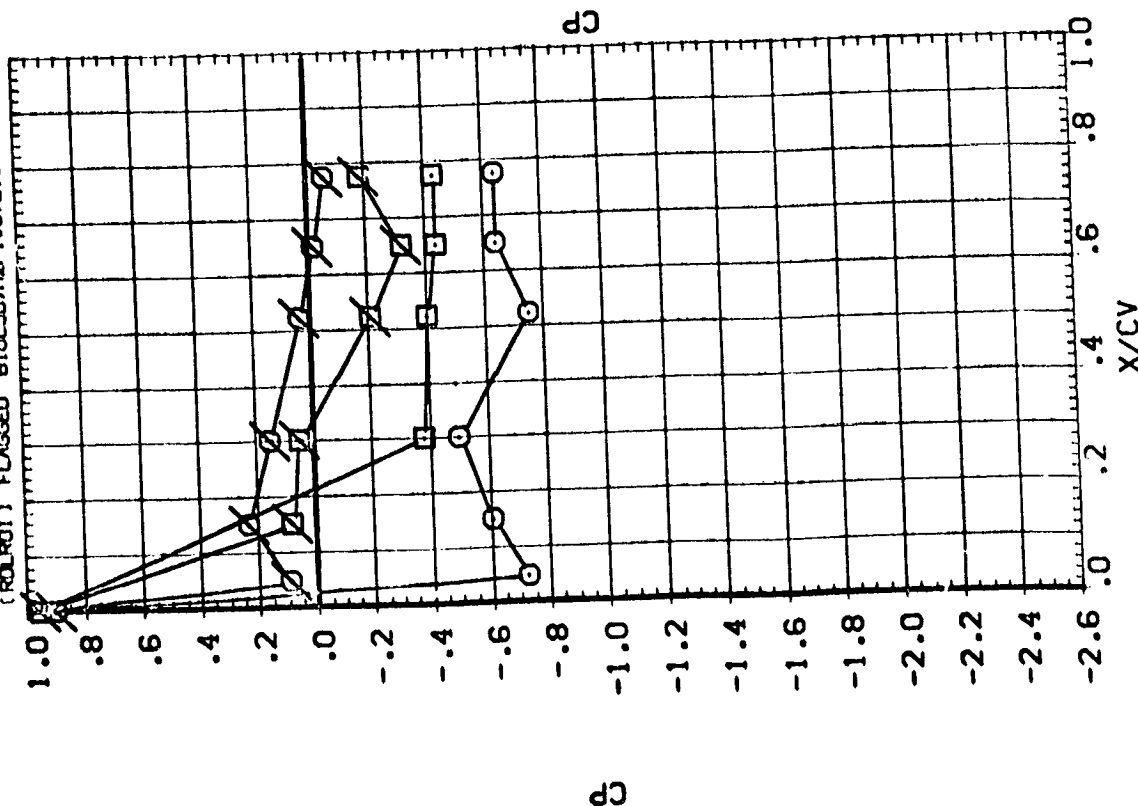
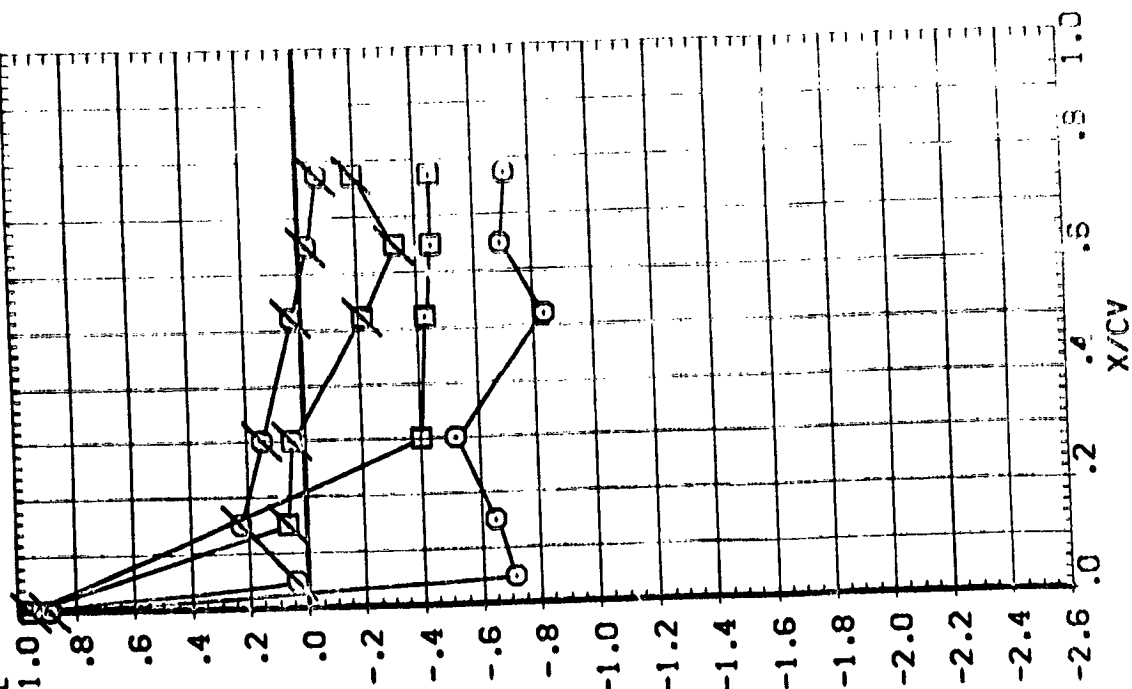


PARAMETRIC VALUES  
 .000 RUDDER  
 .000 FLAP  
 40.000

ELEVTR  
 RUDFLR

SYMBOL Z/BV ALPHA BETA  
 .840 10.140 10.030  
 .925 12.170

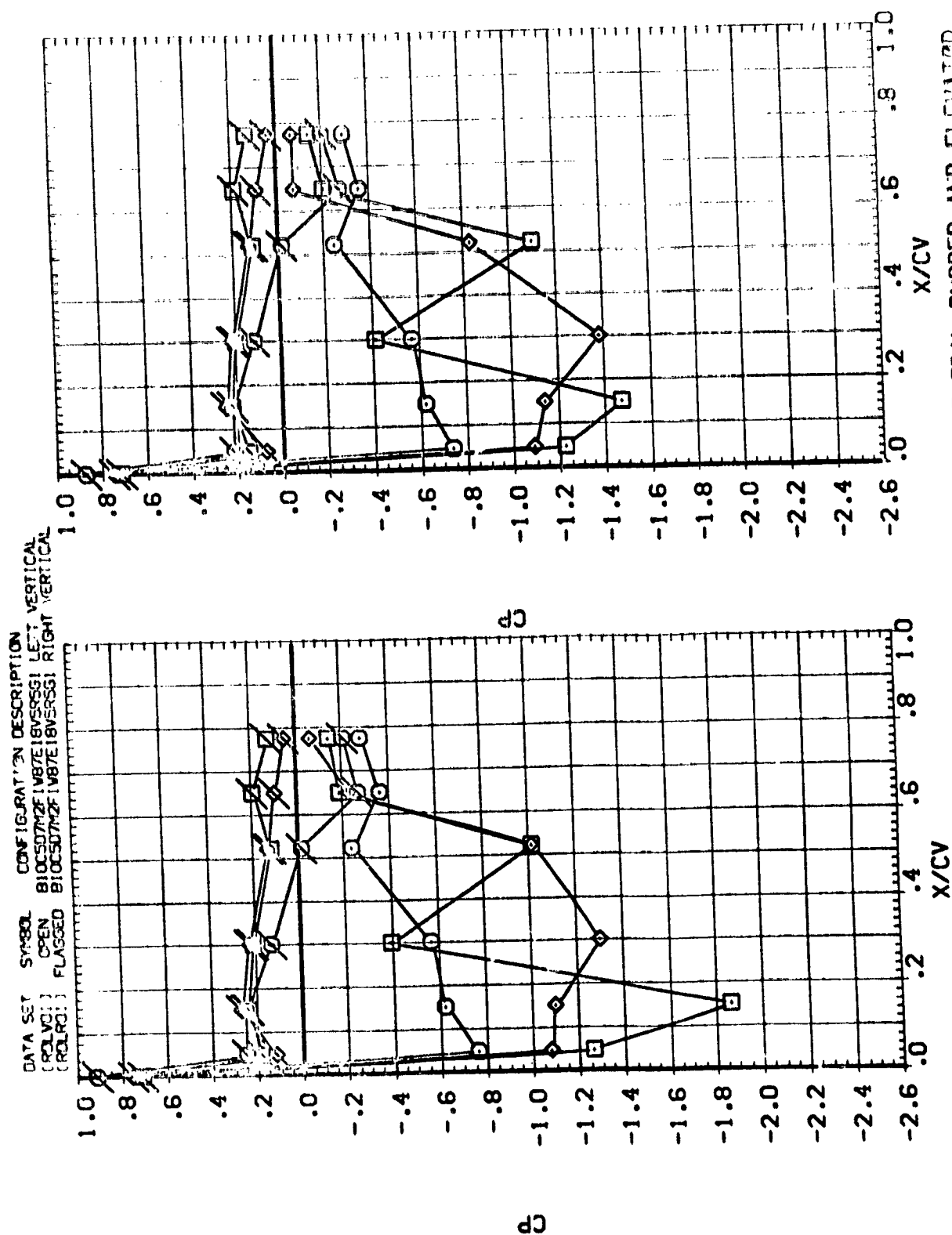
DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (R01V01) OPEN 810C507M2F1V87E18VSR5G1 LEFT VERTICAL  
 (R01V01) FLAGGED 810C507M2F1V87E18VSR5G1 RIGHT VERTICAL



100

ALPHA	BETA
14.300	10.030
16.300	

ALPHA	BETA
14.320	10.030



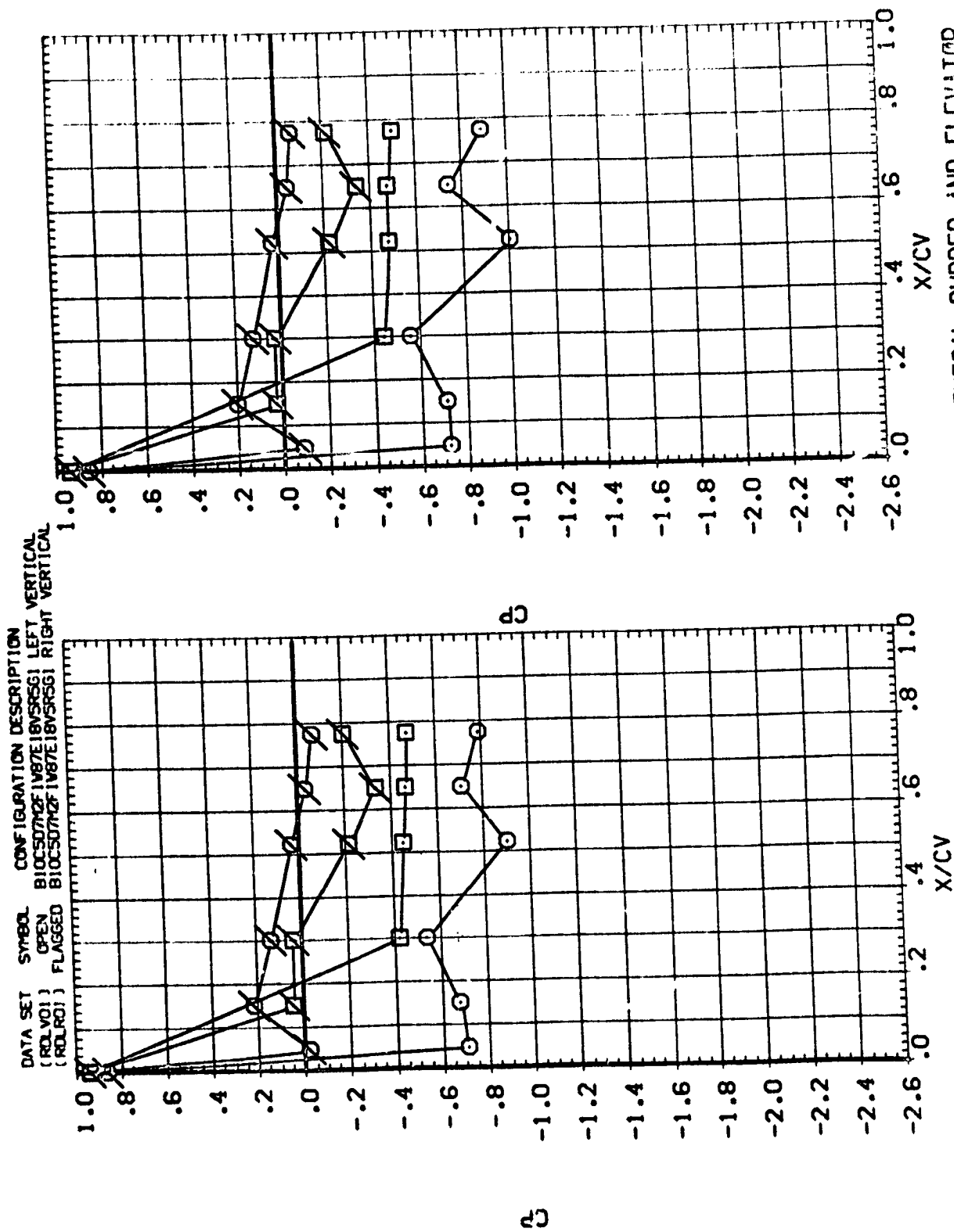
X/CV

CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL. NEUTRAL RUDDER AND ELEVATOR

PAGE 506



SYMBOL	Z/BV	ALPHA	BETA	ELEVTR	PARAMETRIC VALUES
○	.840	14.300	10.030	RUDFLR	.000 RUDDER .000
□	.925	16.300			40.000 FLAP -18.000



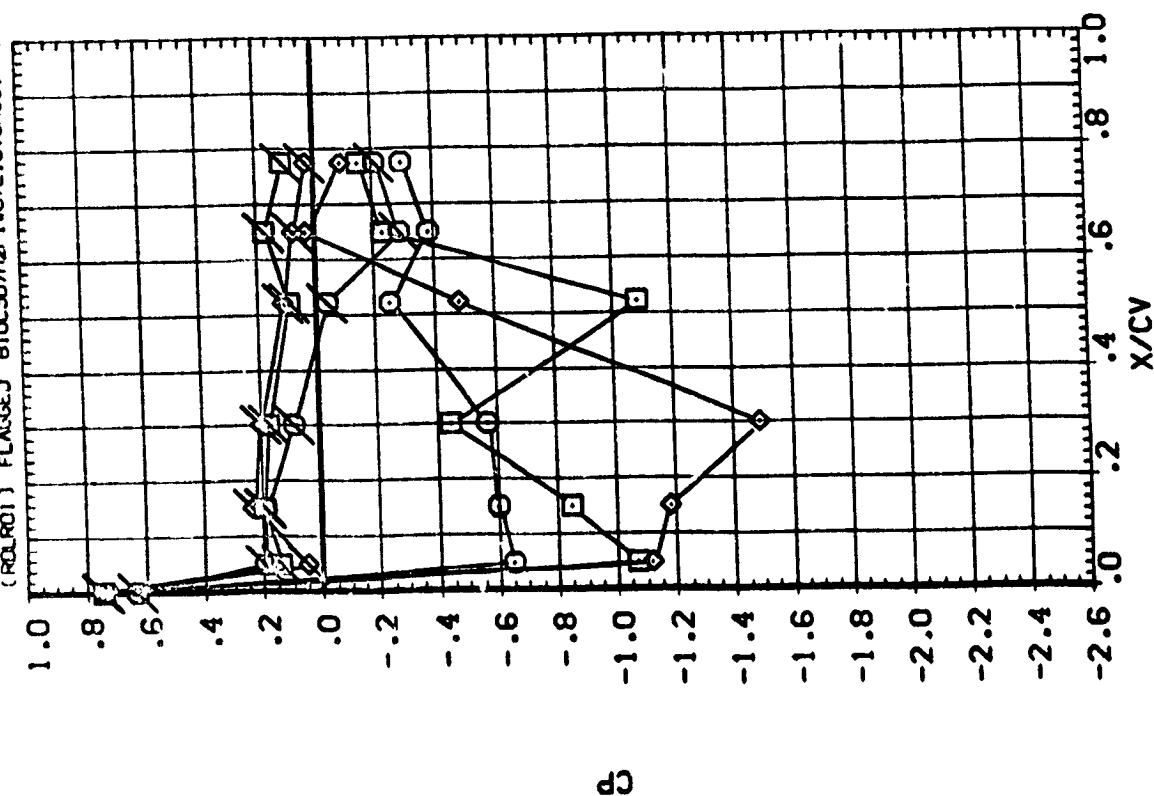


PARAMETRIC VALUES  
 .000 RUDDER  
 .000 FLAP  
 40.000

ELEVTR  
 RUOFUR

SYMBOL Z/BV ALPHA BETA  
 .158 18.310 10.030  
 .316  
 .500

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLV01) OPEN B10C5D7MZF1V87E18V5K5G1 LEFT VERTICAL  
 (ROLR01) FLANGED B10C5D7MZF1V87E18V5K5G1 RIGHT VERTICAL



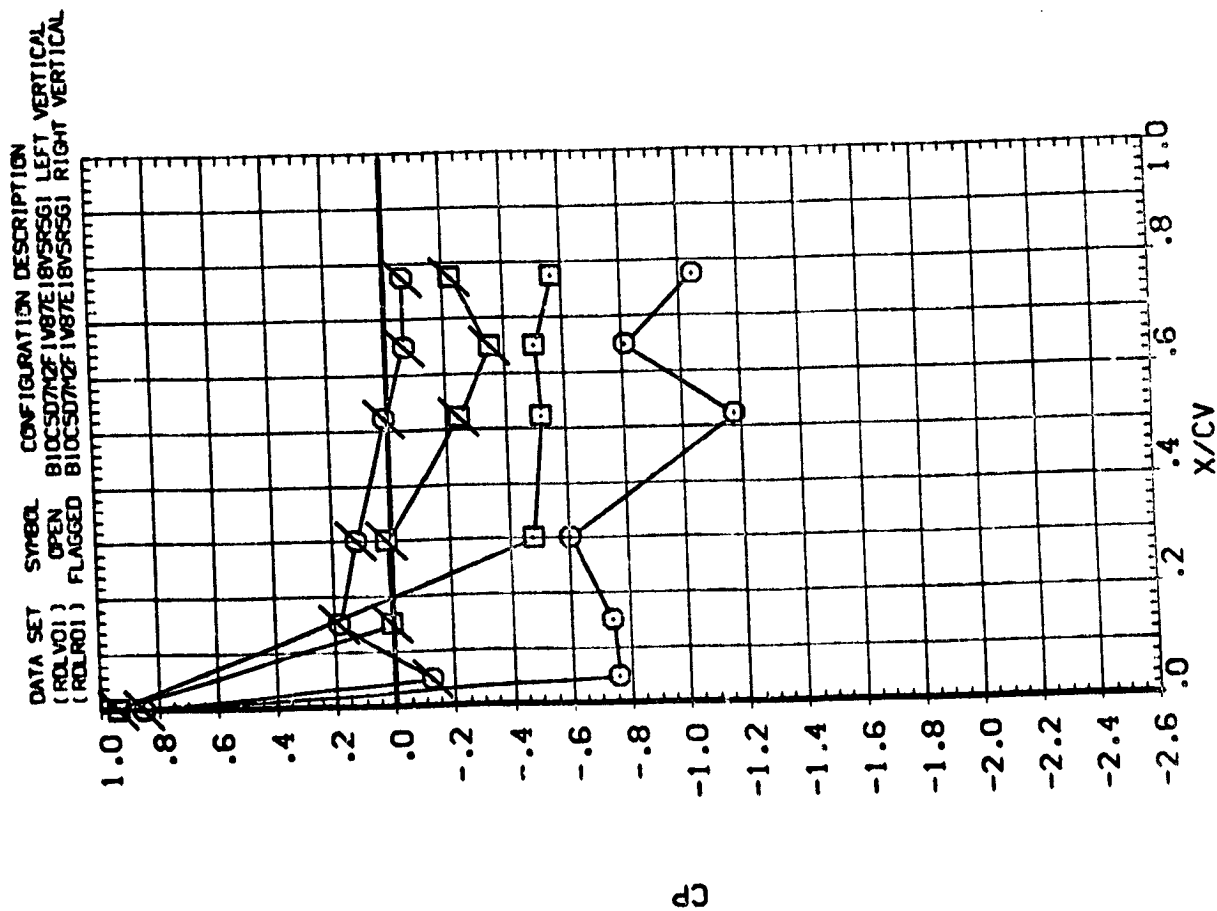
CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 608



SYMBOL Z/BV  
□ .840  
□ .925

ALPHA BETA  
18.310 10.030

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUOFLR 40.000 FLAP -19.000



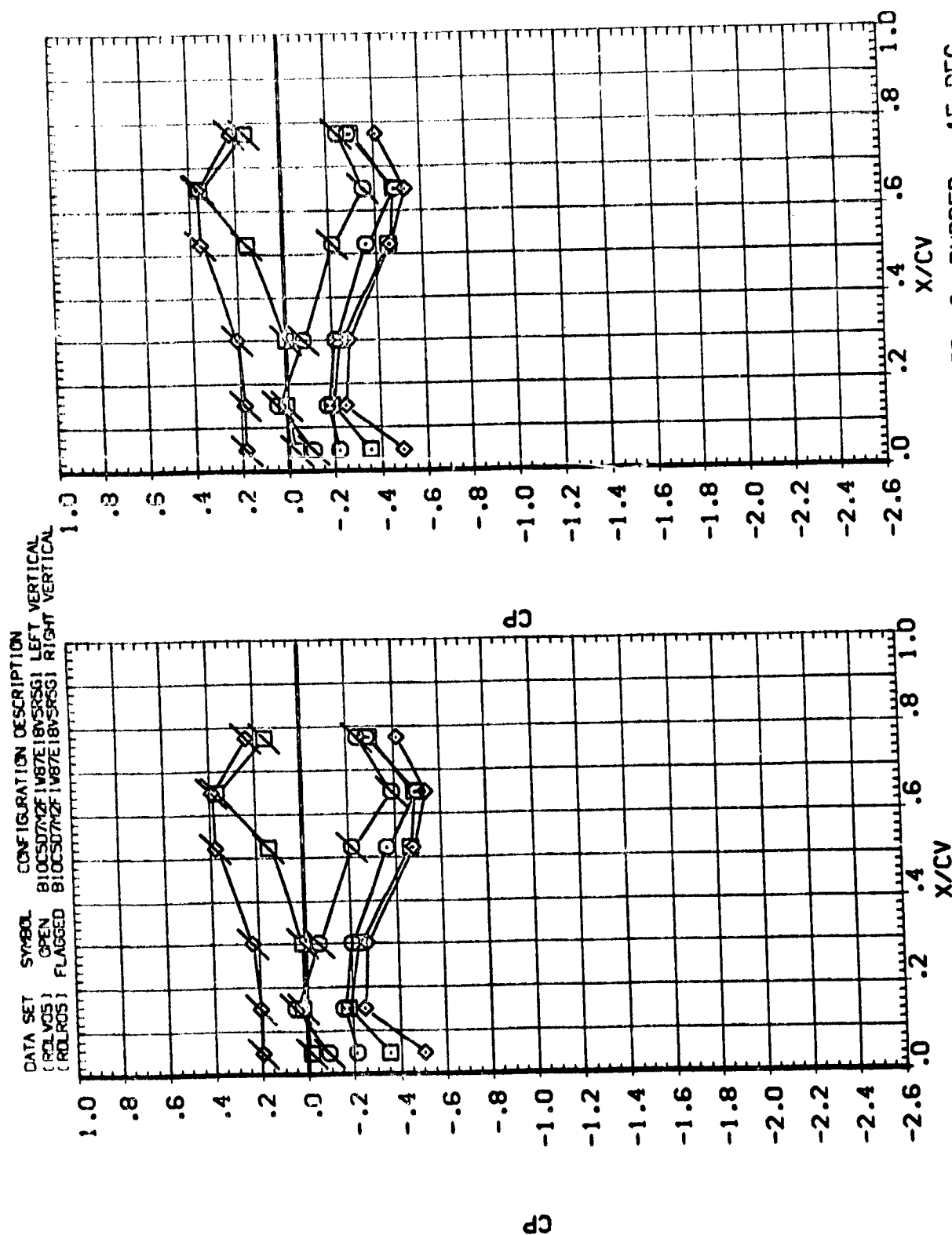
CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, NEUTRAL RUDDER AND ELEVATOR  
PAGE 609

PARAMETER VALUES

ELEVTR	40.000	RUDDER	-15.000
RUDDFLR	0.000	CLAP	-13.000

SYMBOL Z/BV ALPHA BETA

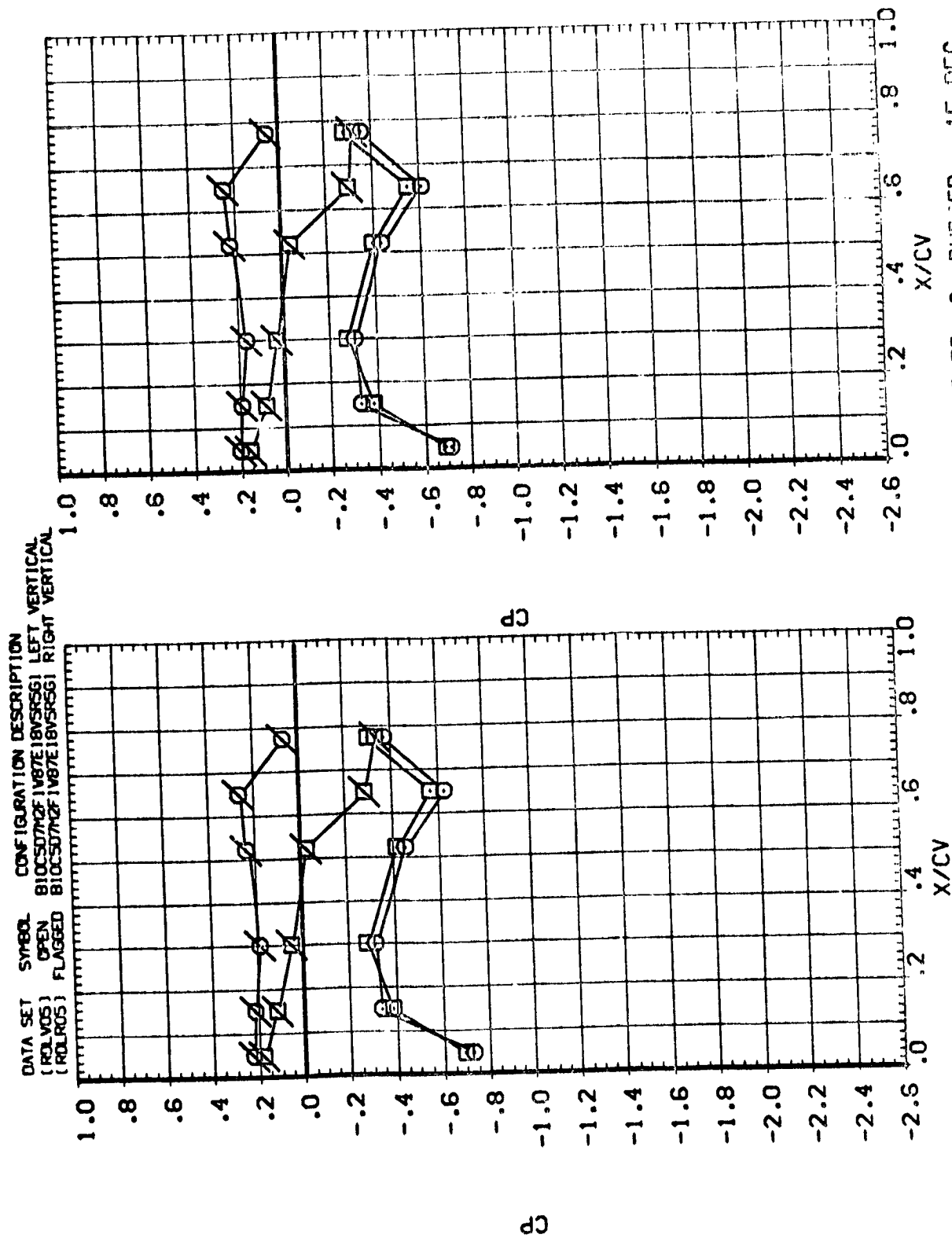
○	.158	-3.040	.000
□	.316	-1.000	
◇	.600		



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, ELEVTR = 0, RUDDER = -15 DEG.



SYMBOL	Z/BV	ALPHA	BETA	ELEVTR	PARAMETRIC VALUES
□	.840	-3.040	.000	RUDFLR	.000 RUDDER -15.000
	.925	-1.000			40.000 FLAP -18.000



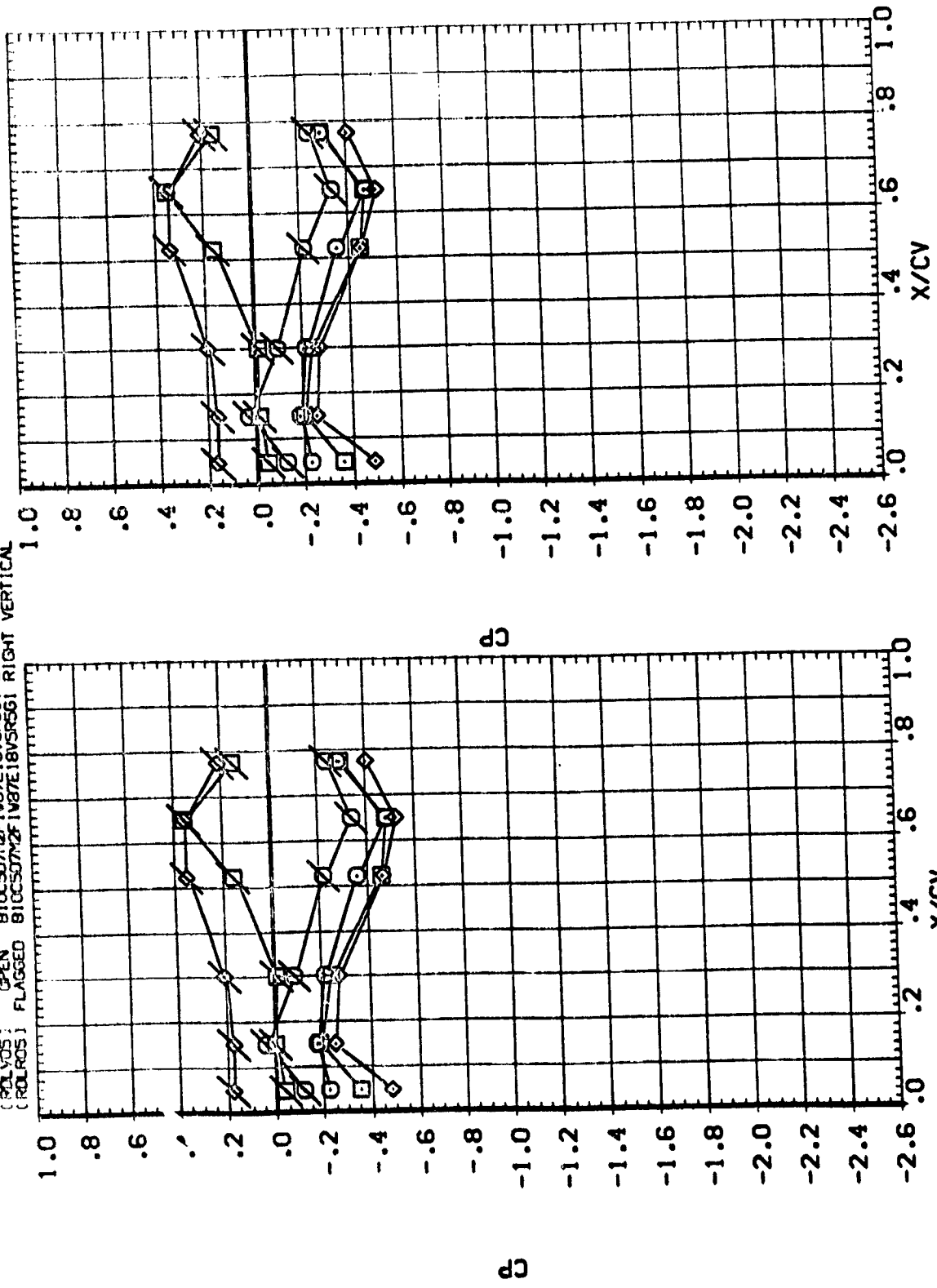
PARAMETRIC VALUES

ELEVTR	.000	RUDDER	-15.000
RUDDFLR	40.000	FLAP	-18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (POLYOS) OPEN 8100507-2F1V87E18VSR5G1 LEFT VERTICAL  
 (POLYOS) FLAGGED 8100507-2F1V87E18VSR5G1 RIGHT VERTICAL

SYMBOL Z/BV ALPHA BETA

○	.158	.010	.000
□	.315	.990	
◇	.600		



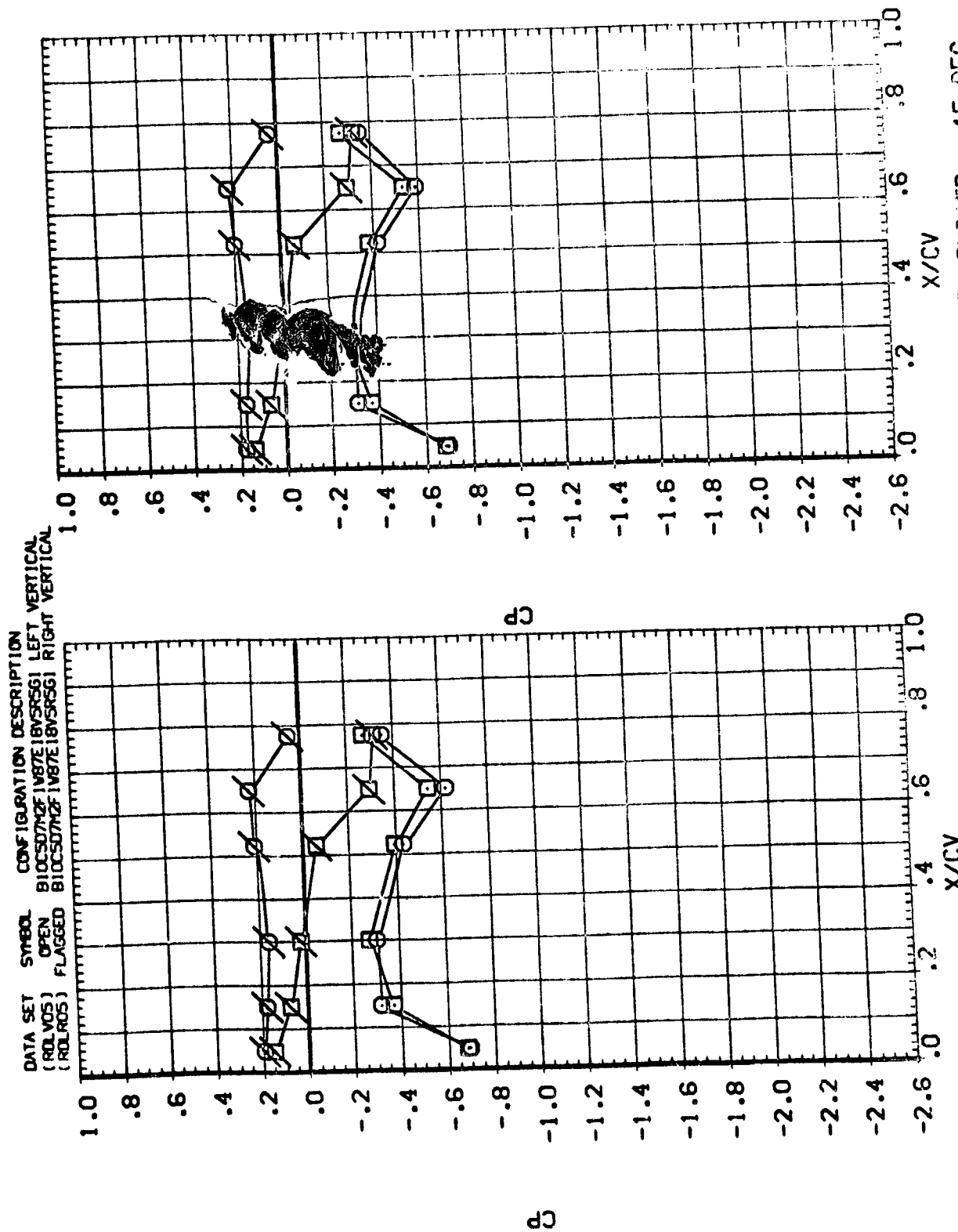
CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, ELEVTR = 0, RUDDER = -15 DEG.



SYMBOL Z/BV  
□ .840  
□ .925

ALPHA BETA  
.010 .000  
.990

PARAMETRIC VALUES  
ELEVTR -15.000  
RUOFLR 40.000 RUDDER -18.000  
FLAP



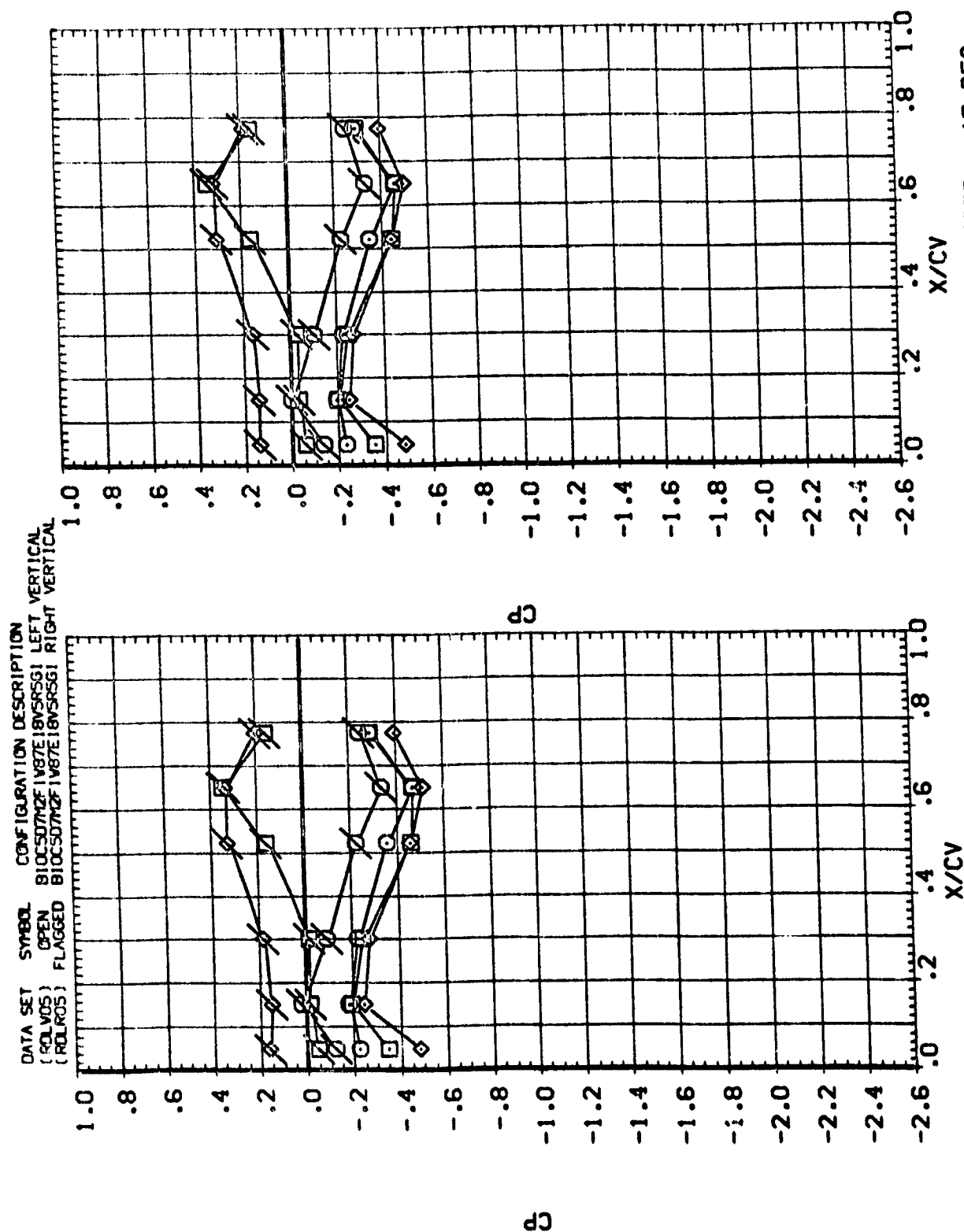
CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, ELEVTR = 0, RUDDER = -15 DEG.  
PAGE 613

PARAMETRIC VALUES

ELEVTR	.000	RUDDER	-15.000
RUOFLR	40.000	FLAP	-19.000

SYMBOL Z/B<sub>r</sub> ALPHA BETA

○	.158	2.030	.000
□	.316	4.030	
◇	.500		



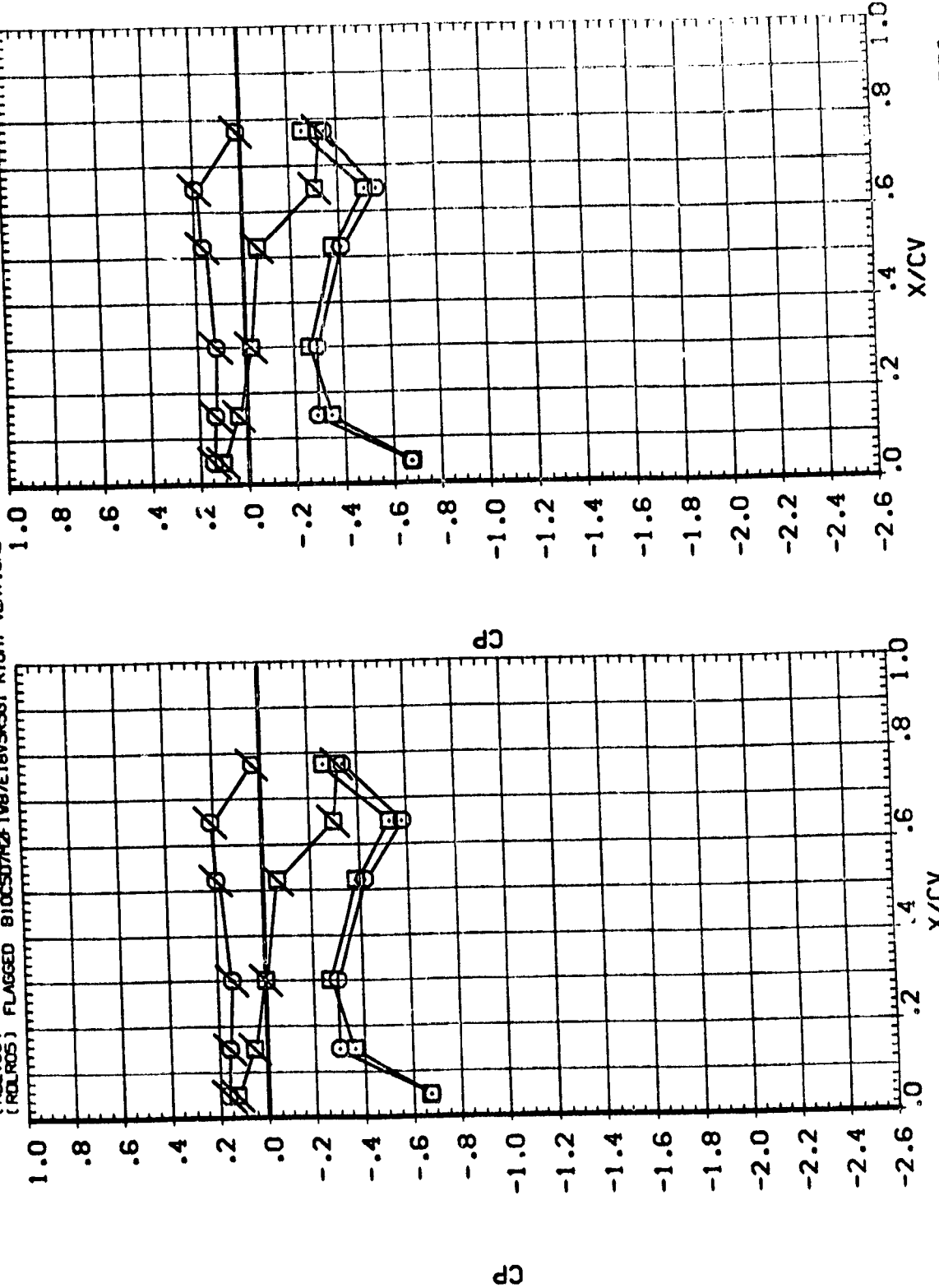


SYMBOL Z/BV  
☐ .940  
☐ .925

ALPHA BETA  
 2.030 .000  
 4.030

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER -15.000  
 RUDDLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (R01V05) OPEN 810C507MZF1W87E18VSRSG1 LEFT VERTICAL  
 (R01R05) FLAGGED 810C507MZF1W87E18VSRSG1 RIGHT VERTICAL



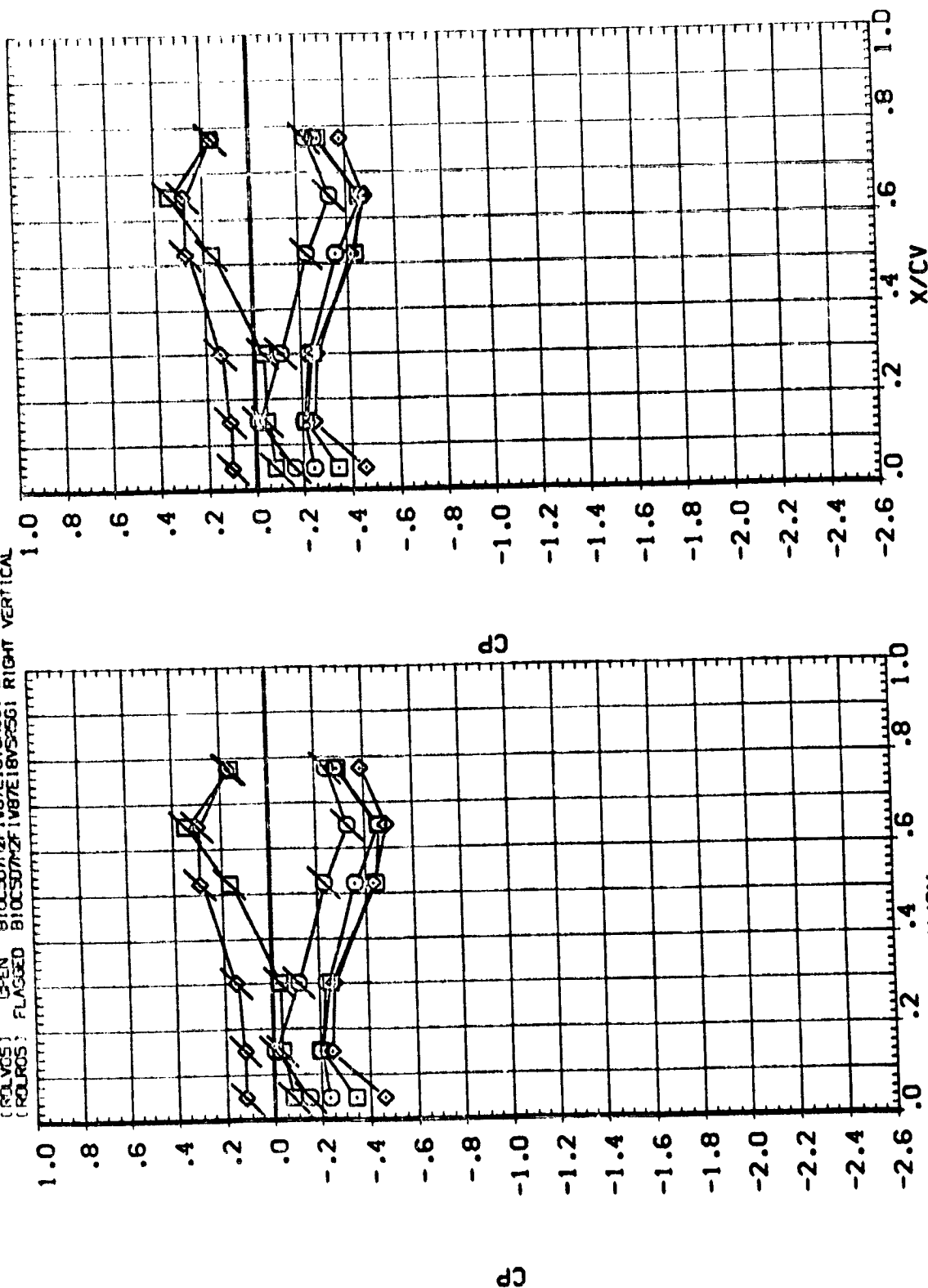
CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, ELEVTR =0, RUDDER =-15 DEG.  
 PAGE 815



PARAMETRIC VALUES  
 ELEVTR 0.000 RUDDER -15.000  
 RUDDLR 40.000 FLAP -19.000

SYMBOL Z/BV ALPHA BETA  
 .158 6.080 .000  
 .316 8.110  
 .600

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (R0LV05) OPEN 810C507MZF1V87E18V5R5G1 LEFT VERTICAL  
 (R0LV05) FLAGGED 810C507MZF1V87E18V5R5G1 RIGHT VERTICAL



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, ELEVTR =0, RUDDER =-15 DEG.  
 PAGE 616

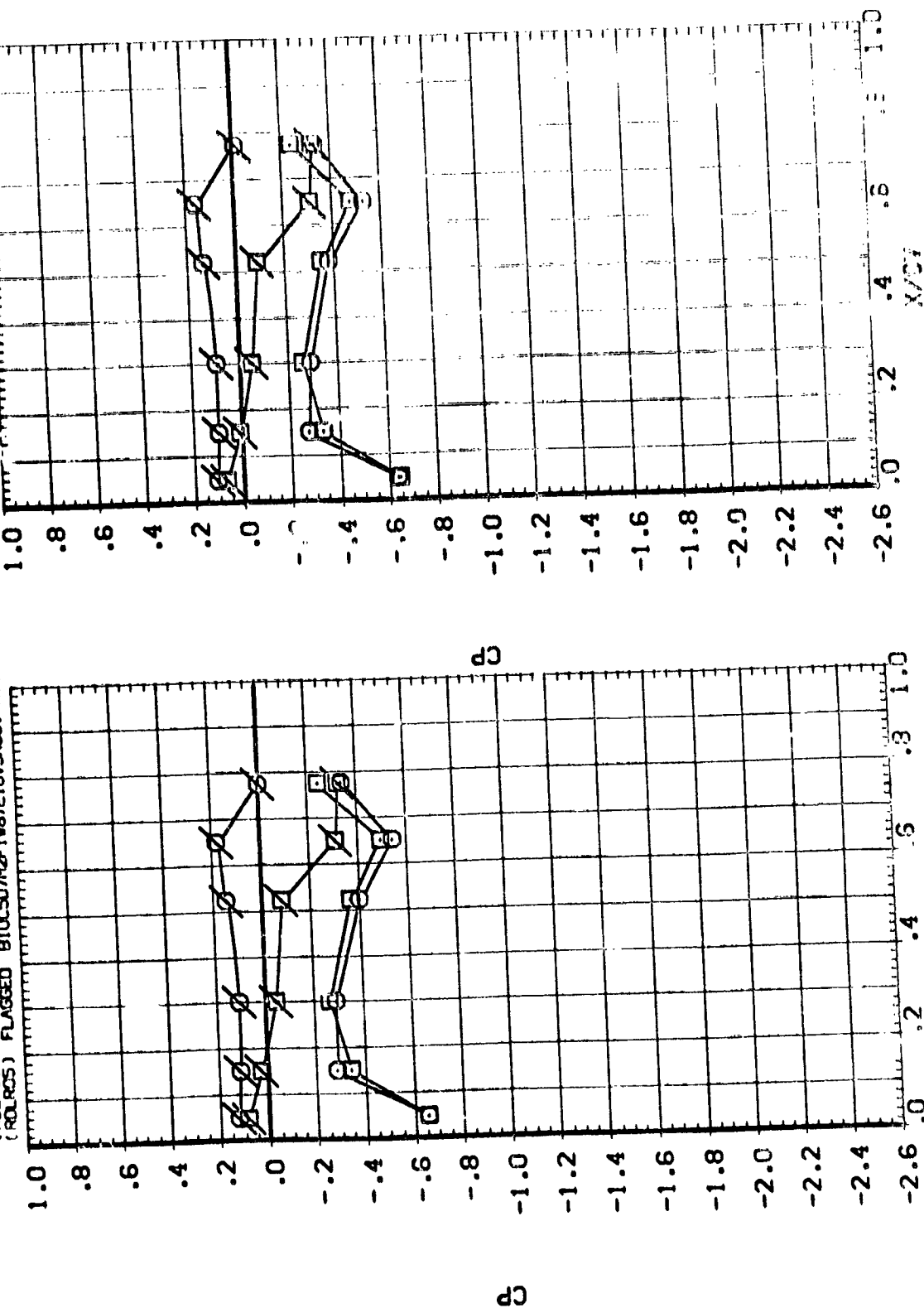


PARAMETRIC VALUES  
 .000 RUDDER -15.000  
 40.000 FLAP -18.000

ELEVTR  
 RUOFLR

SYMBOL Z/BV ALPHA BETA  
 .840 5.080 .000  
 .925 8.110

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLLS) (ROLLS) OPEN B10C507M2F1V87E18VSR5G1 LEFT VERTICAL  
 (ROLLS) (ROLLS) FLAGGED B10C507M2F1V87E18VSR5G1 RIGHT VERTICAL



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, ELEVTR=0, RUDDER=-15 DEG.  
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SYMBOL	Z/BV	ALPHA	BETA
○	.158	10.120	.000
□	.316	12.200	
◇	.600		

SYMBOL	Z/BV	ALPHA	BETA
○	.158	10.120	.000
□	.316	12.200	
◇	.600		

SYMBOL	Z/BV	ALPHA	BETA
○	.158	10.120	.000
□	.316	12.200	
◇	.600		

SYMBOL	Z/BV	ALPHA	BETA
○	.158	10.120	.000
□	.316	12.200	
◇	.600		

SYMBOL	Z/BV	ALPHA	BETA
○	.158	10.120	.000
□	.316	12.200	
◇	.600		

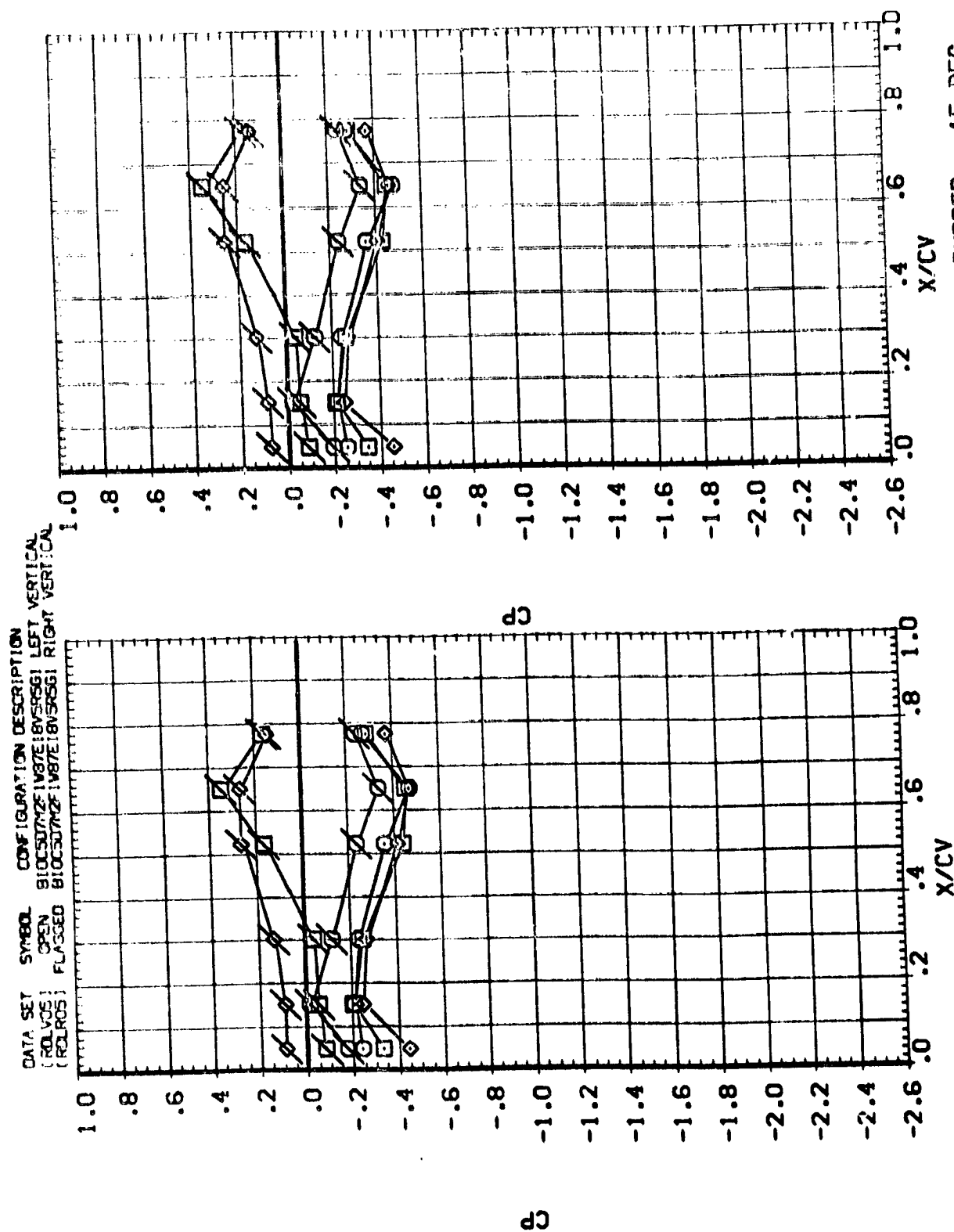
SYMBOL	Z/BV	ALPHA	BETA
○	.158	10.120	.000
□	.316	12.200	
◇	.600		

SYMBOL	Z/BV	ALPHA	BETA
○	.158	10.120	.000
□	.316	12.200	
◇	.600		

SYMBOL	Z/BV	ALPHA	BETA
○	.158	10.120	.000
□	.316	12.200	
◇	.600		

SYMBOL	Z/BV	ALPHA	BETA
○	.158	10.120	.000
□	.316	12.200	
◇	.600		

SYMBOL	Z/BV	ALPHA	BETA
○	.158	10.120	.000
□	.316	12.200	
◇	.600		



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, ELEVTR =0, RUDDER =-15 DEG.

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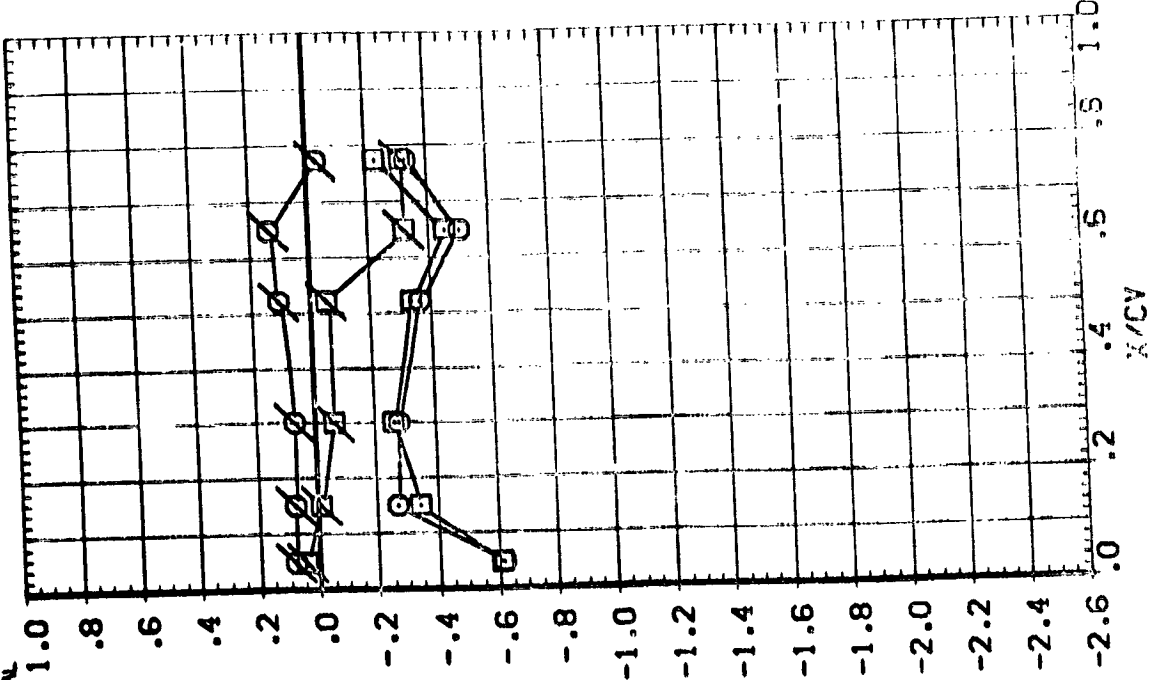
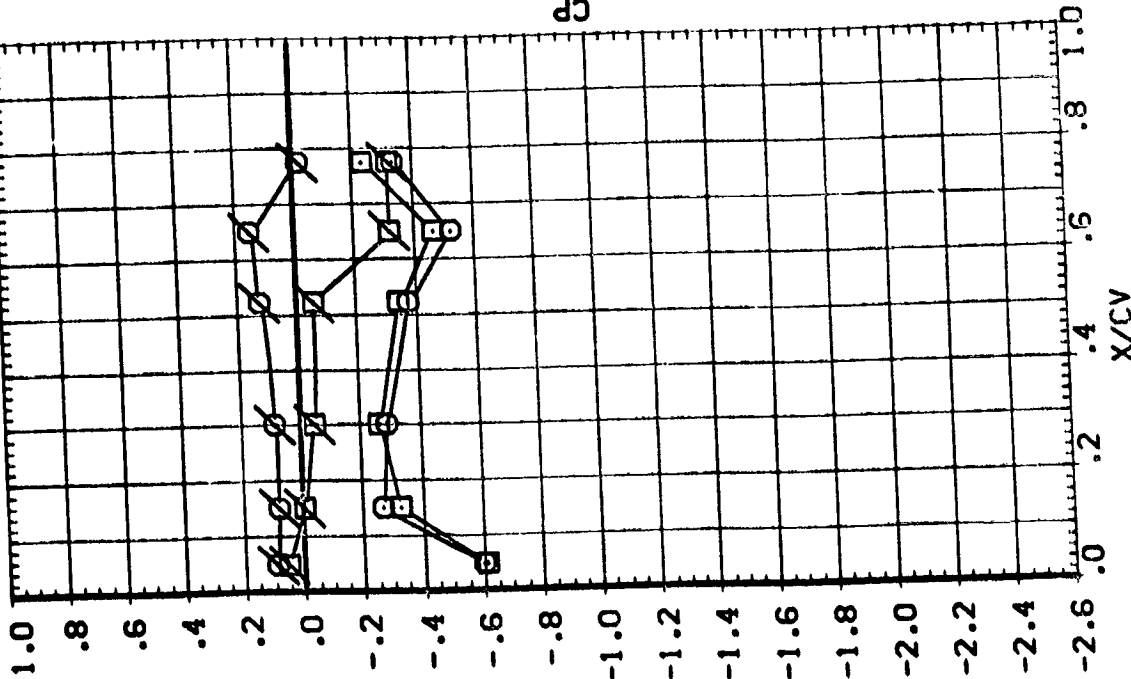
SYMBOL Z/BV  
 ○ .840  
 □ .925

ALPHA BETA  
 10.120 .000  
 12.200

ELEVTR RUDFLR  
 .000 40.000  
 .000 18.000

PARAMETRIC VALUES  
 -15.000 RUDDER  
 -18.000 FLAP

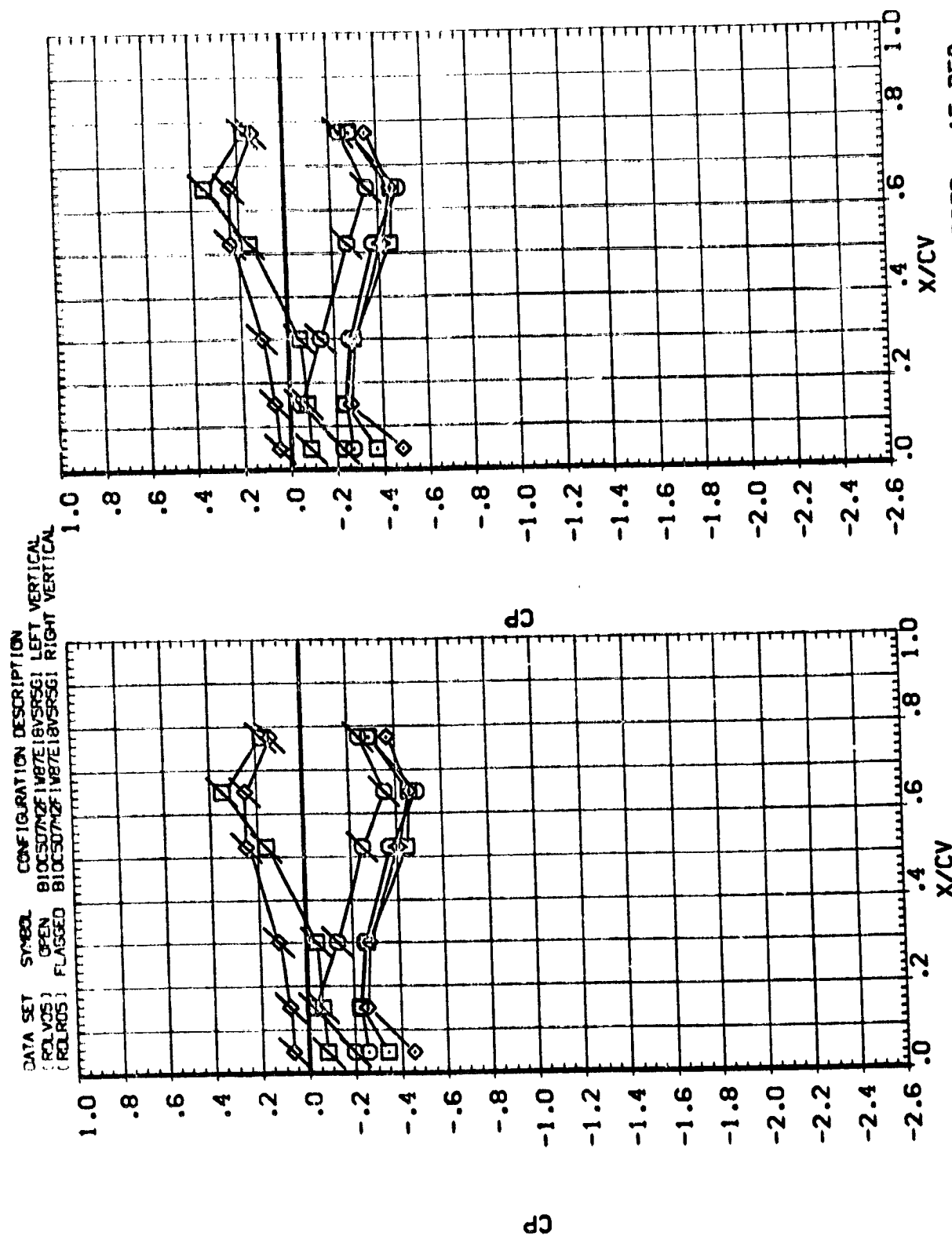
DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLLS) OPEN BIOCS07M2F1V87E18VSR5G1 LEFT VERTICAL  
 (ROLLS) FLAGGED BIOCS07M2F1V87E18VSR5G1 RIGHT VERTICAL



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, ELEVTR = 0, RUDDER = -15 DEG.

PARAMETER VALUES  
 ELEVTR 0.000 RUDDER -15.000  
 RUDDER 40.000 FLAP -13.000

SYMBOL Z/BV ALPHA BETA  
 ○ .158 14.240 .000  
 □ .316 16.230  
 ◇ .600



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, ELEVTR =0, RUDDER =-15 DEG.



SYMBOL  
 ○  
 □

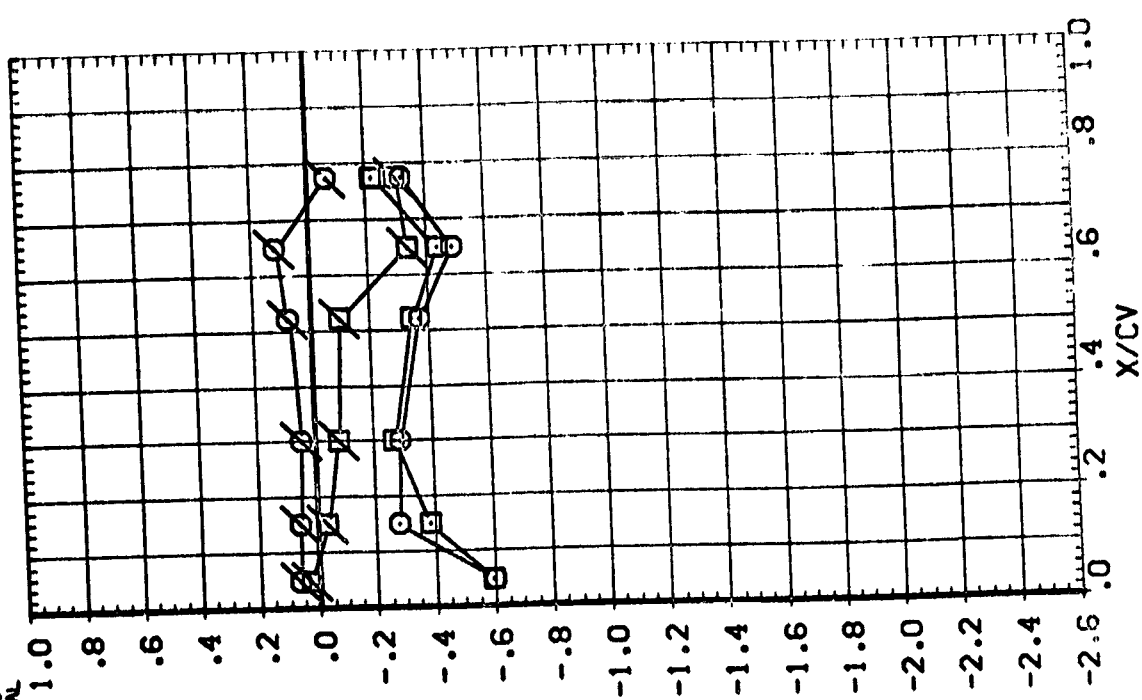
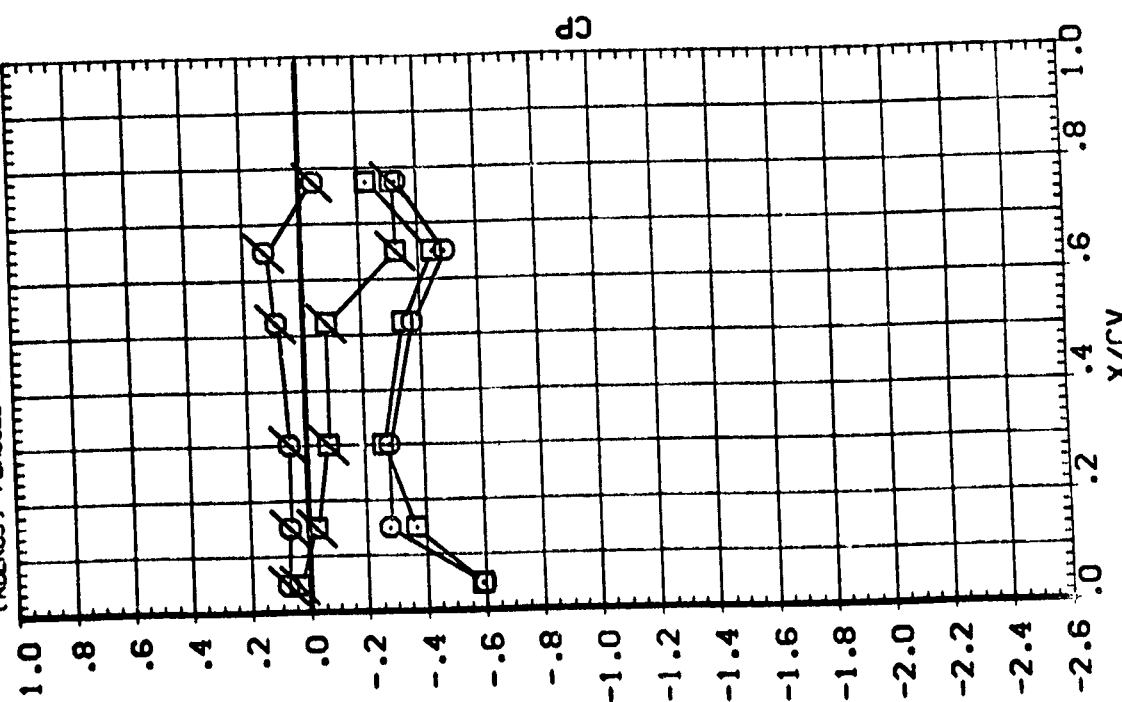
Z/BV  
 .840  
 .925

ALPHA  
 14.240  
 16.230

BETA  
 .000

PARAMETRIC VALUES  
 ELEVTR 40.000  
 RUOFLR .000  
 RUDDER -15.000  
 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROL VOS) OPEN B10C507MZF1W87E18VSK5G1 LEFT VERTICAL  
 (ROL VOS) FLAGGED B10C507MZF1W87E18VSK5G1 RIGHT VERTICAL



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, ELEVTR =0, RUDDER =-15 DEG.

PARAMETRIC VALUES

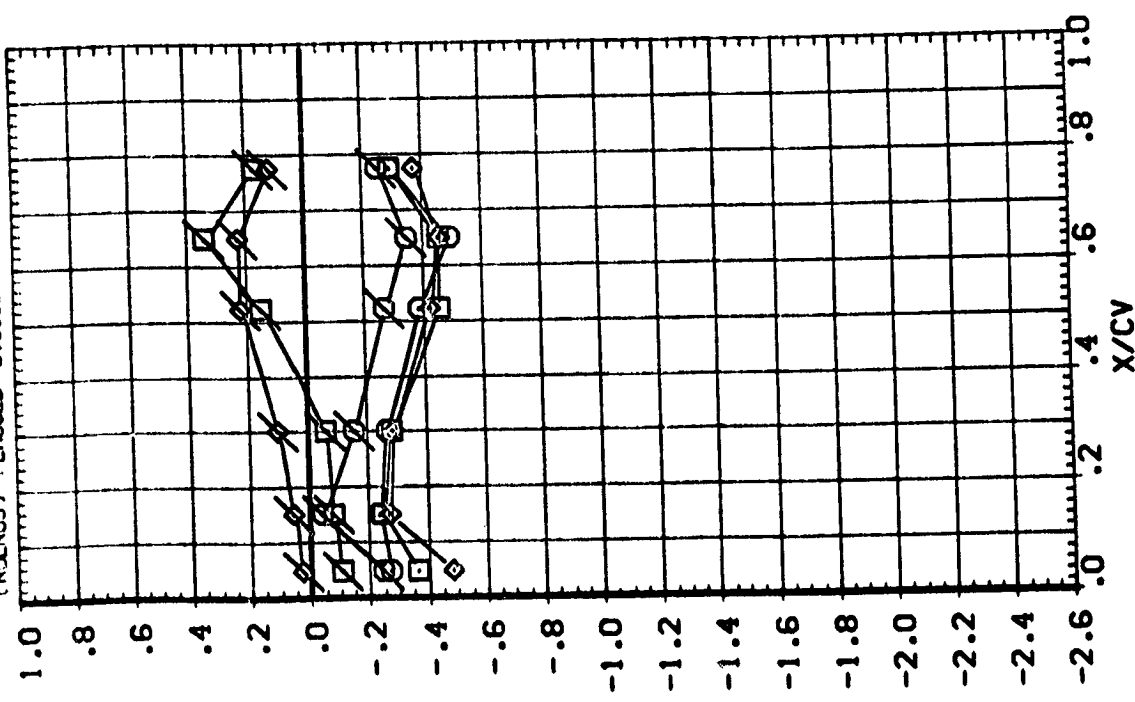
ELEVTR	40.000	RUDDER	-15.000
RUOFLR	40.000	FLAP	-18.000

SYMBOL Z/BV ALPHA BETA

○	.158	18.300	.000
□	.316		
◇	.600		

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ROLL POS)	OPEN	B10C507N2F1V87E18VSR5G1	LEFT VERTICAL
(ROLL POS)	FLAGGED	B10C507N2F1V87E18VSR5G1	RIGHT VERTICAL



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, ELEVTR =0, RUDDER =-15 DEG.

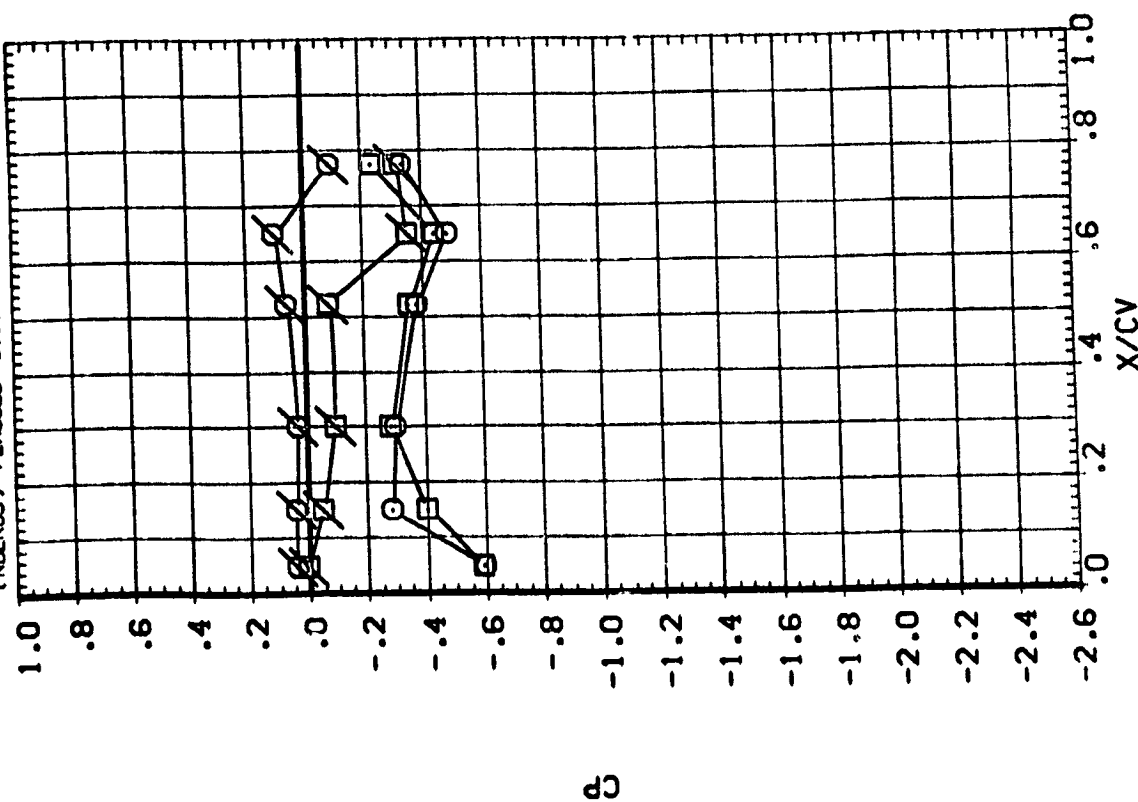
PAGE 622



SYMBOL Z/BV ALPHA BETA  
 0 .640 18.300 .000  
 □ .925

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER -15.000  
 RUOFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLVOS) OPEN B10C507M2F1V87E18VSRSG1 LEFT VERTICAL  
 (ROLVOS) FLAGGED B10C507M2F1V87E18VSRSG1 RIGHT VERTICAL



CHORDWISE PRESSURE DISTRIBUTION ON THE VERT. TAIL, ELEVTR =0, RUDDER =-15 DEG.

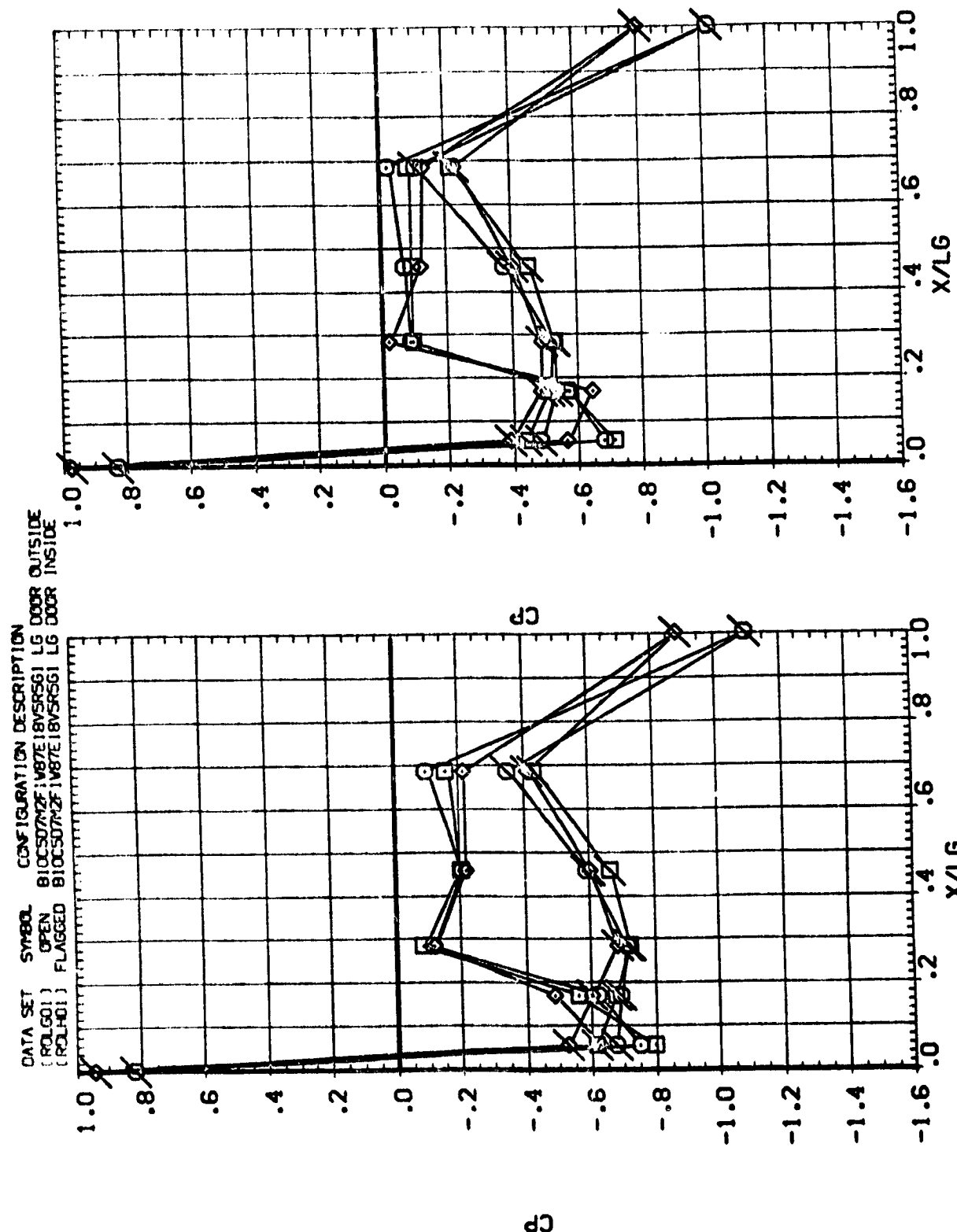


SYMBOL Z/ΛG  
 ○ .200  
 □ .400  
 ◇ .600

ALPHA  
 -3.040  
 -1.020

BETA  
 -10.050

PARAMETRIC VALUES  
 ELEVTR .000  
 RUOFLR 40.000  
 RUOUDR .000  
 FLAP -19.000

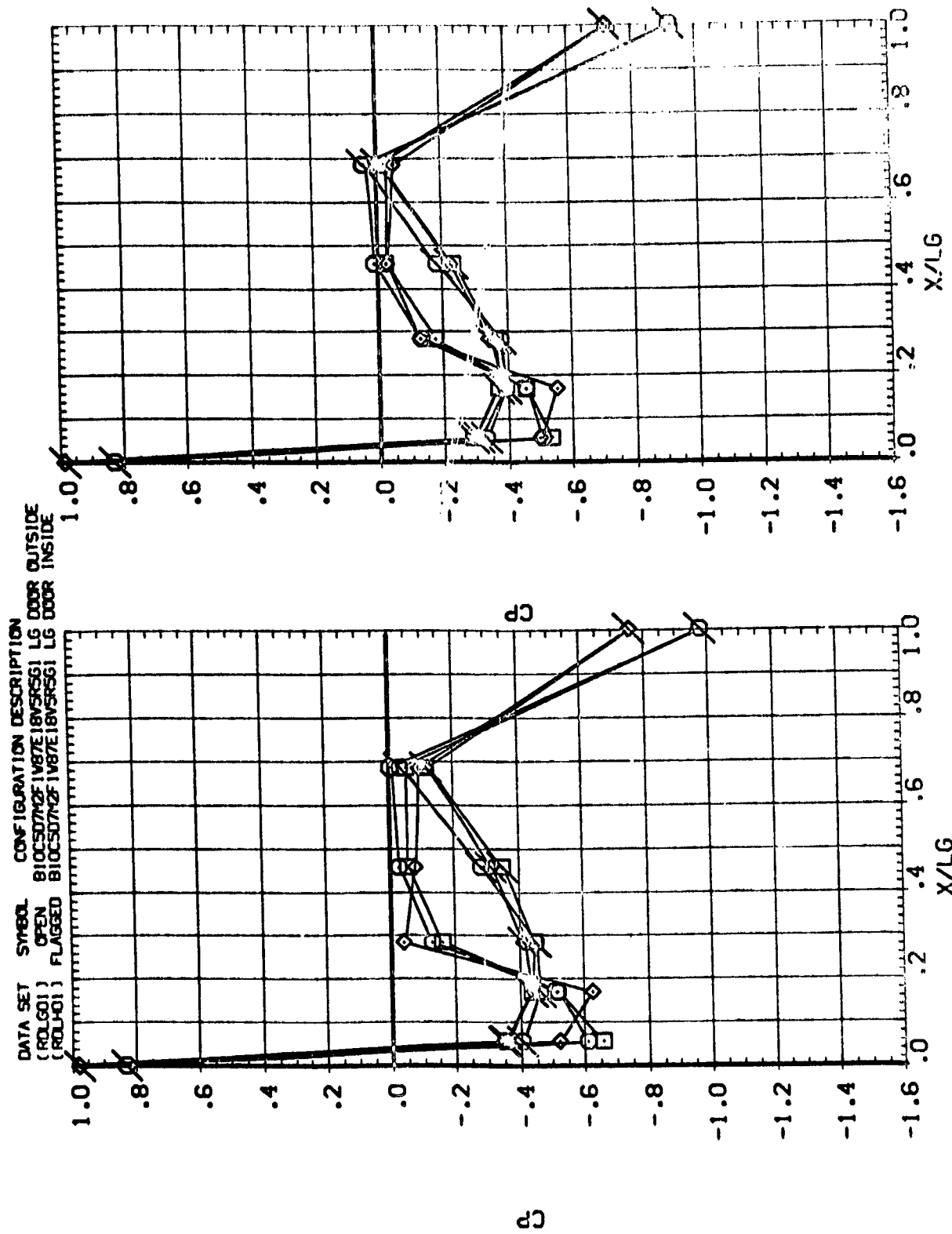


LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR



SYMBOL Z/AG ALPHA BETA  
 O .200 .030 -10.050  
 □ .400 1.000  
 ◇ .600

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

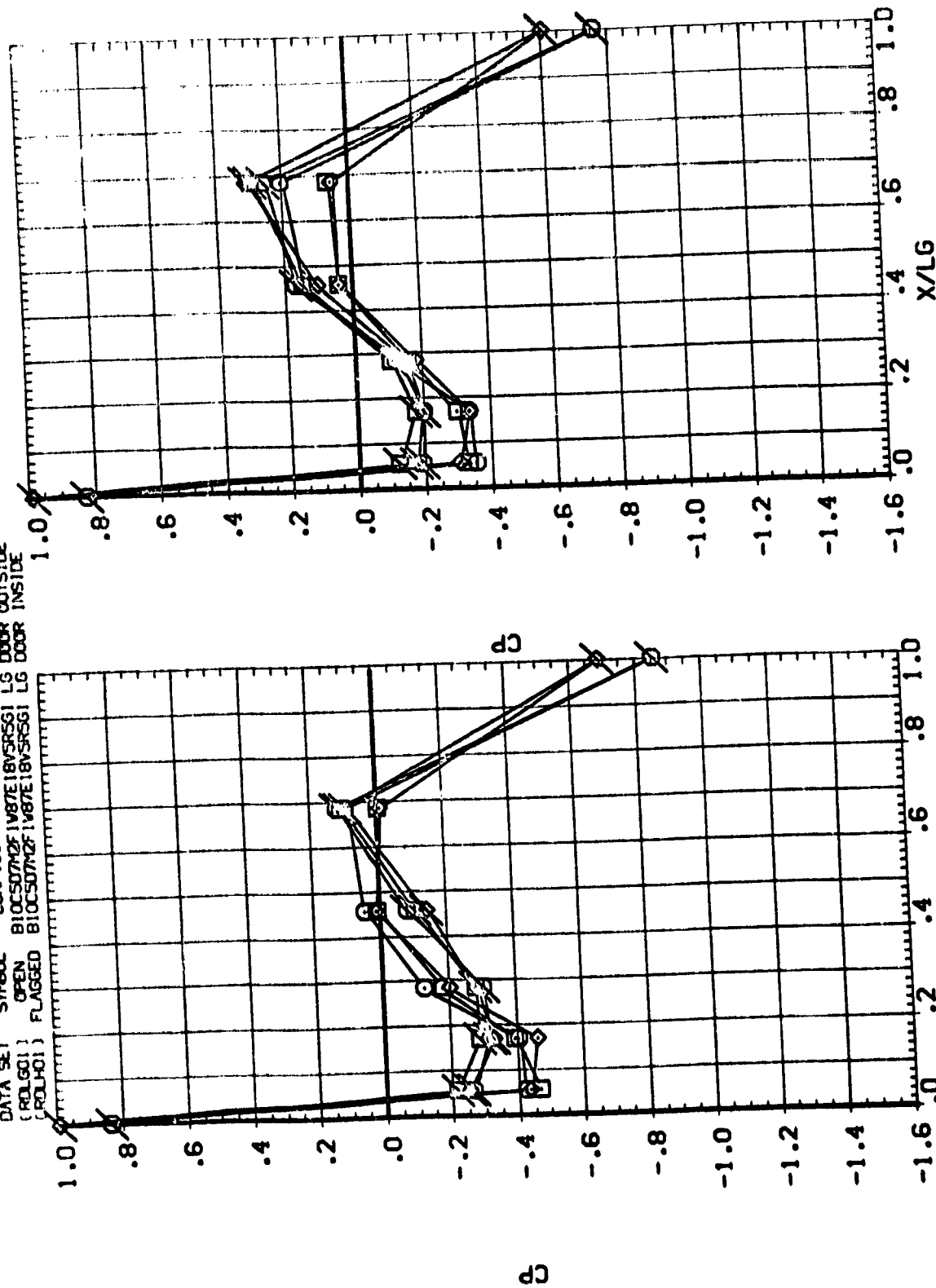


PARAMETRIC VALUES  
 .000 RUDDER  
 .000 FLAP  
 40.000

ELEVTR  
 RUDDLR

SYMBOL Z/HG ALPHA BETA  
 .200 1.990 -10.050  
 .400 4.050  
 .600

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (POLH01) OPEN B10C507MZF1V87E18VSR5G1 LG DOOR OUTSIDE  
 (POLH01) FLAGGED B10C507MZF1V87E18VSR5G1 LG DOOR INSIDE



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 626



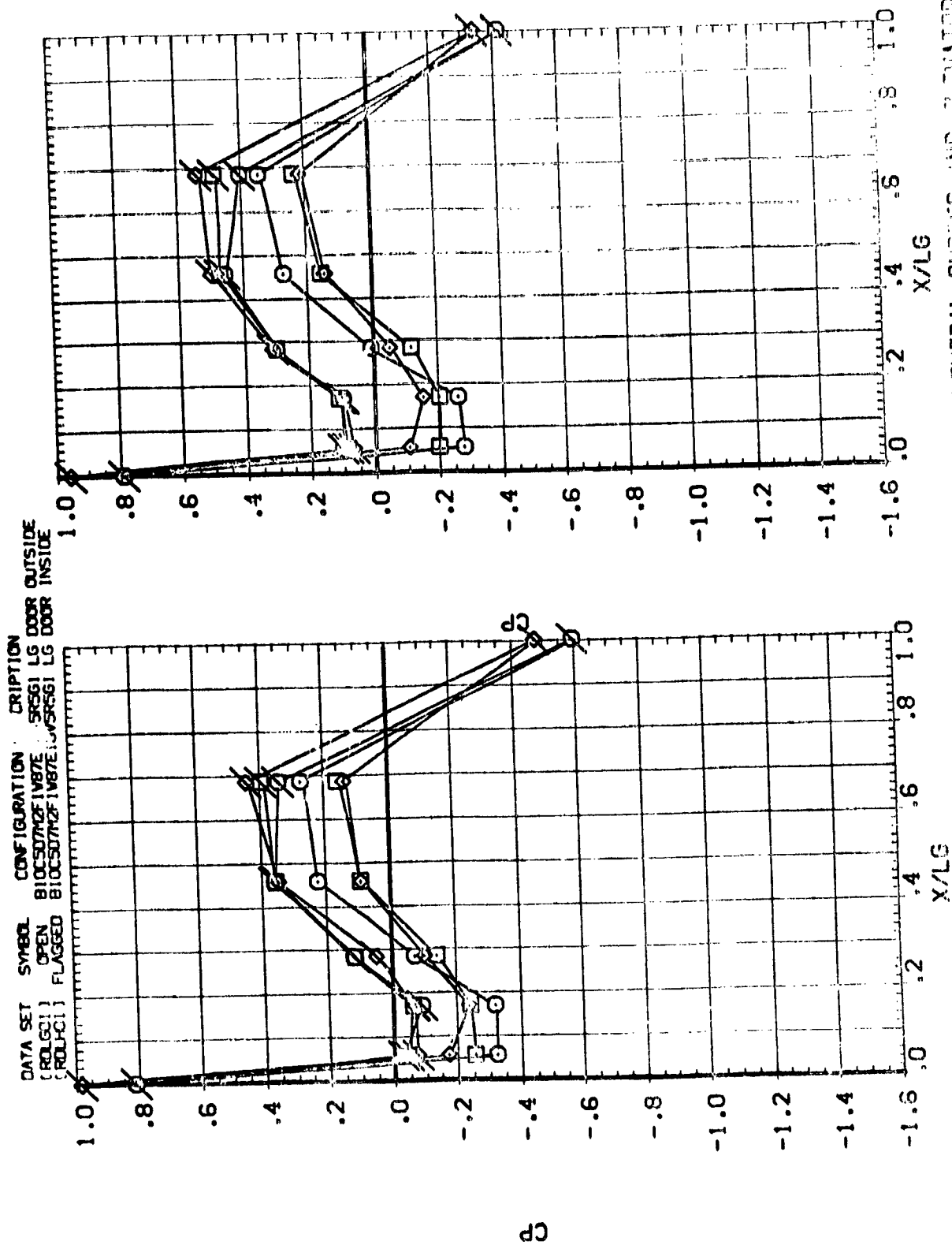
SYMBOL  
○ □ ◇

Z/HG  
.200  
.400  
.600

ALPHA  
6.100  
8.120

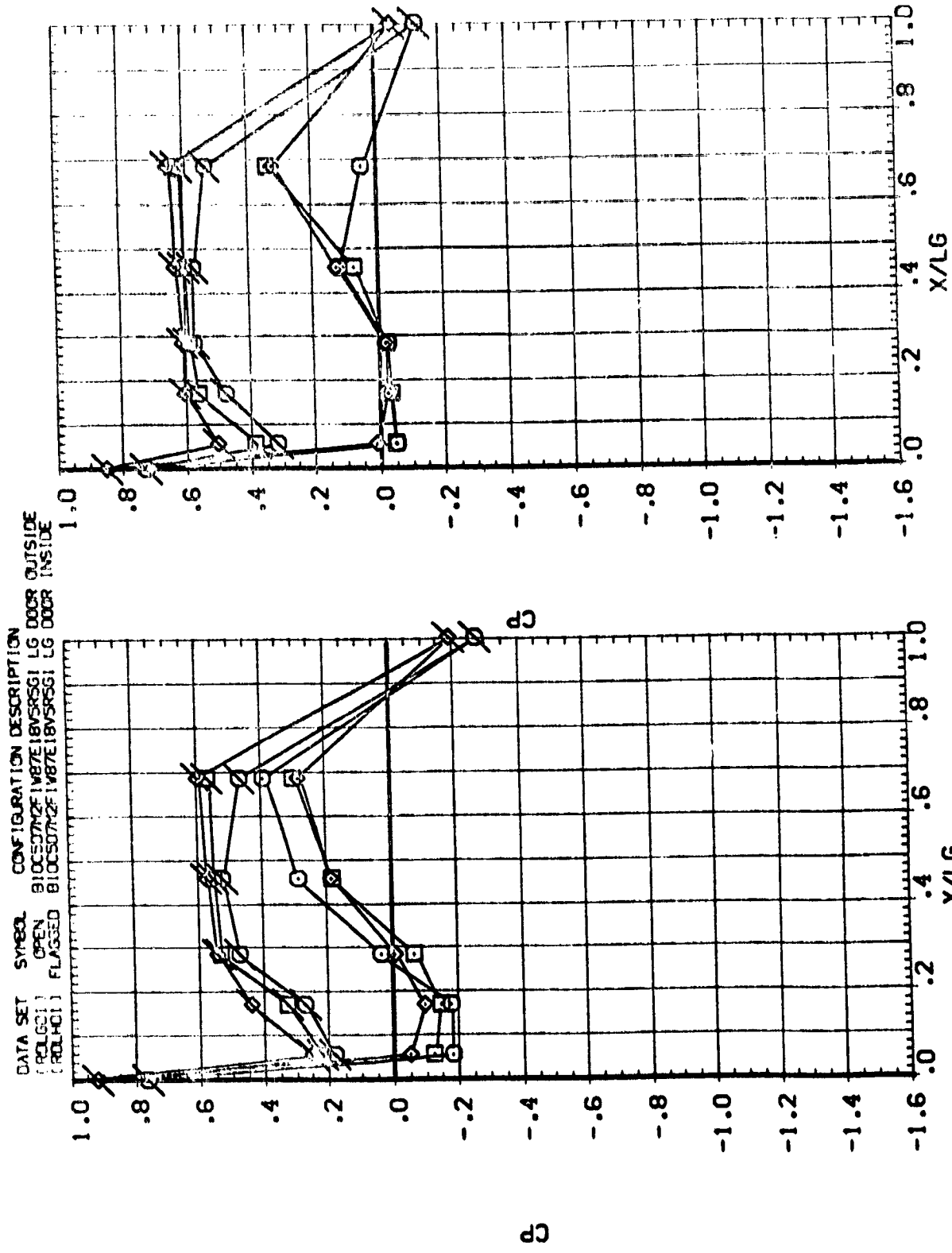
BETA  
-10.050

PARAMETRIC VALUES  
ELEVTR .000 RUDER .000  
RUDFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR. NEUTRAL RUDDER AND ELEVATOR

SYMBOL Z/AG ALPHA BETA  
 .200 10.130 -10.050  
 .400 12.180  
 .600  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR  
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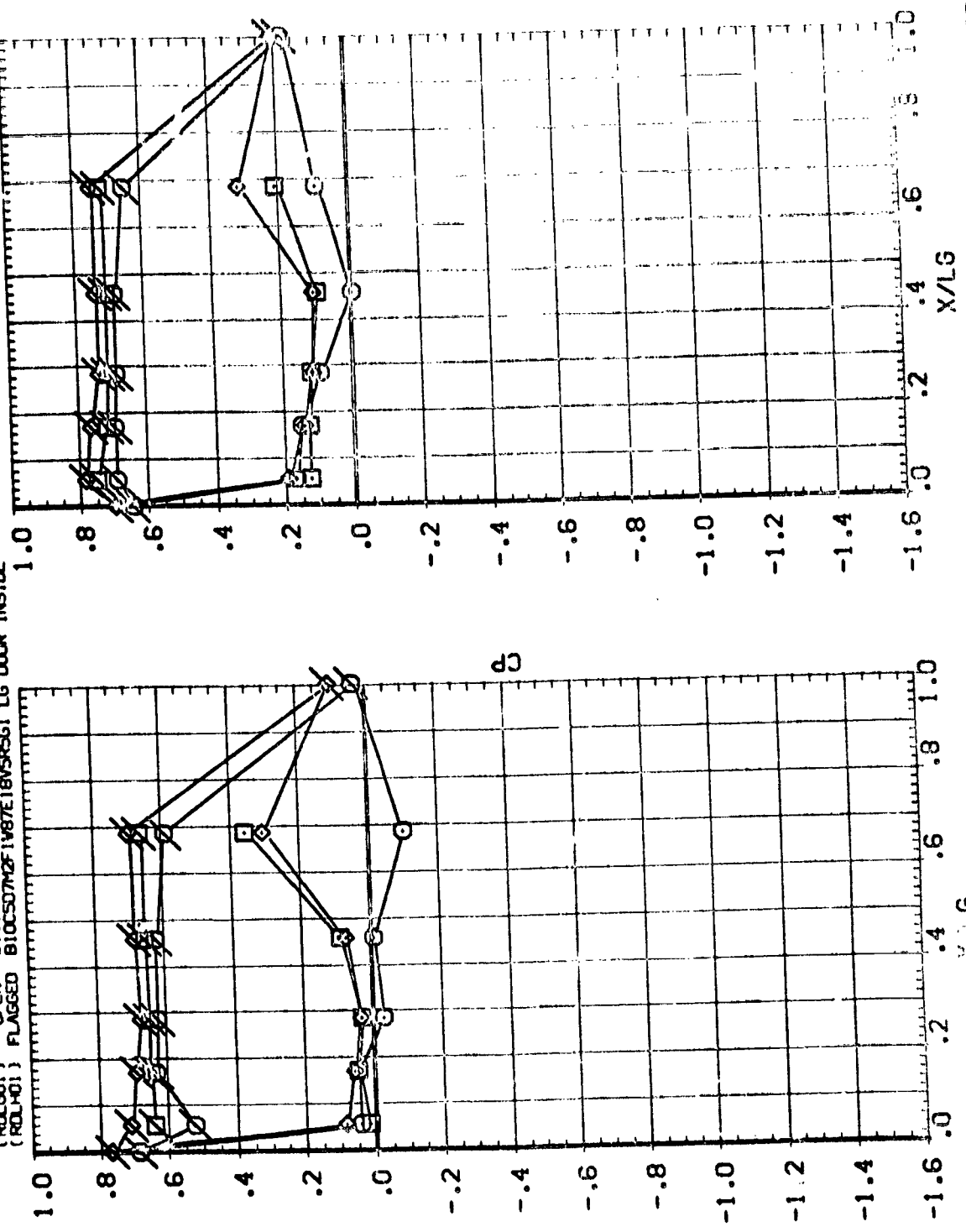


SYMBOL Z/HG  
 .200  
 .400  
 .600

ALPHA BETA  
 14.230 -10.050  
 16.250

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLG01) OPEN B10C507M2F1V87E18VSR5G1 LG DOOR OUTSIDE  
 (ROLG01) FLAGGED B10C507M2F1V87E18VSR5G1 LG DOOR INSIDE



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 623

PARAMETRIC VALUES

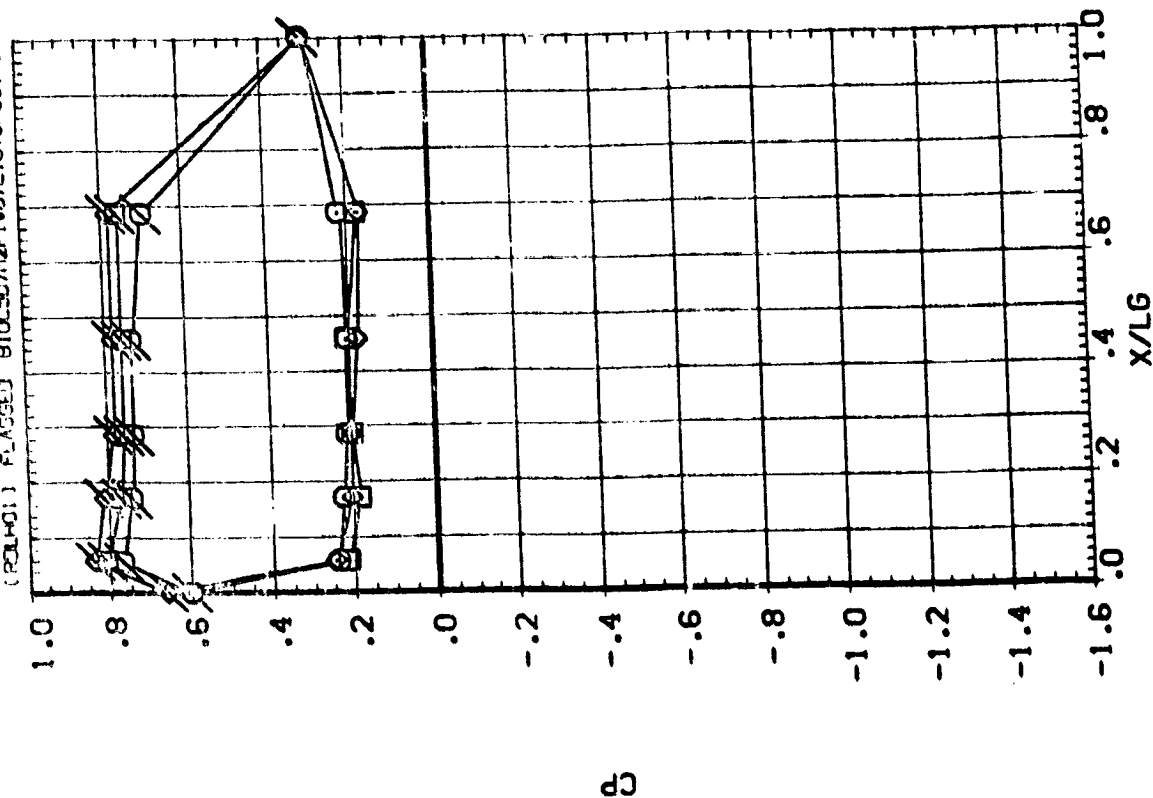
ELEVTR	.000	RUDDER	.000
RUDDLR	40.000	FLAP	-18.000

SYMBOL Z/AG ALPHA BETA

.200	18.260	-10.050
.400		
.600		

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(POLG01)	OPEN	B10C507MZF1V87E1SVSRSG1	LG DOOR	OUTSIDE
(POLH01)	FLAGGED	B10C507MZF1V87E1SVSRSG1	LG DOOR	INSIDE



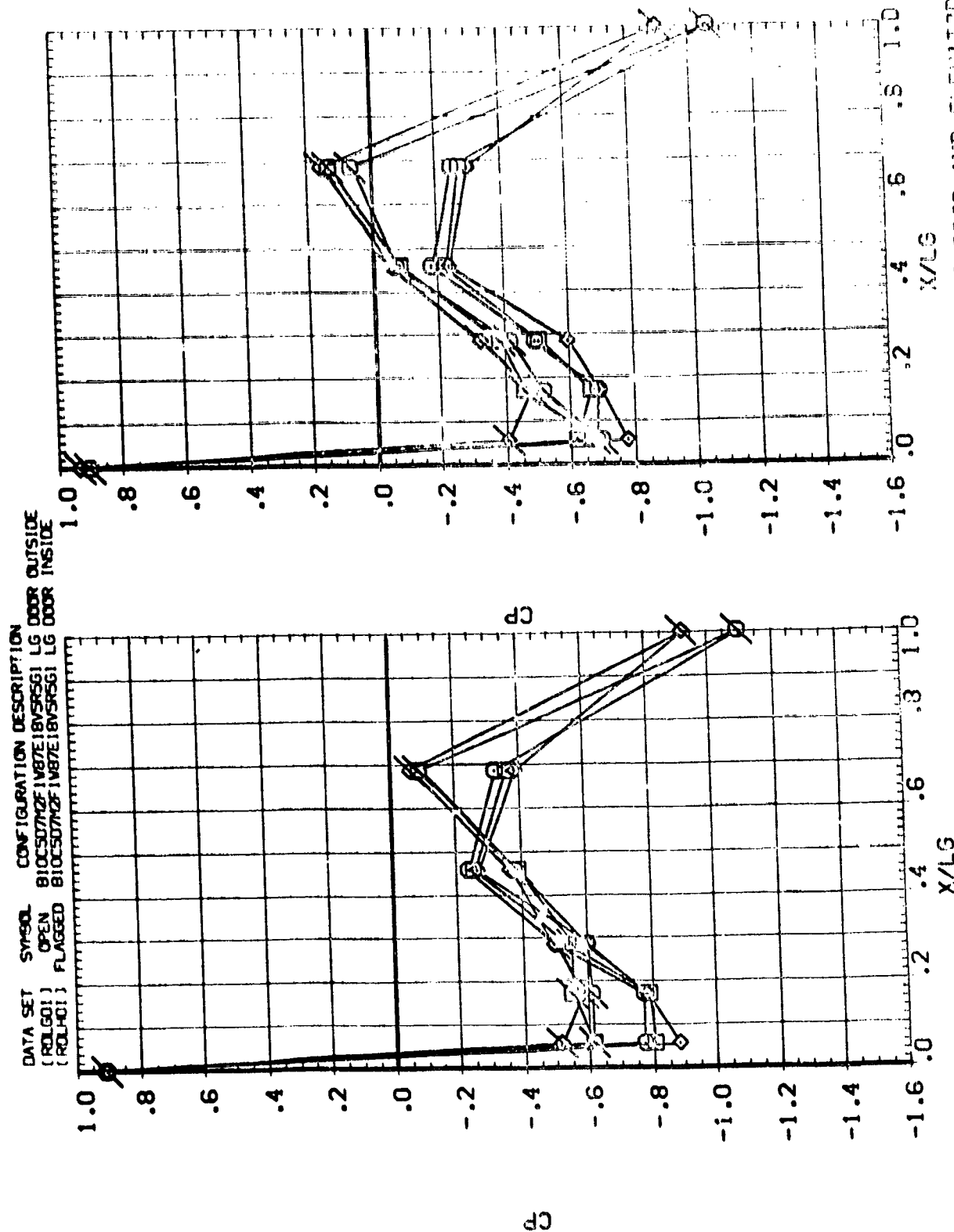
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR



SYMBOL Z/AG  
○ □ ◇

ALPHA BETA  
-3.000 -5.030  
-.960

PARAMETRIC VALUES  
ELEVIR .000 RUDDER .000  
RUOFLR 40.000 FLAP -18.000

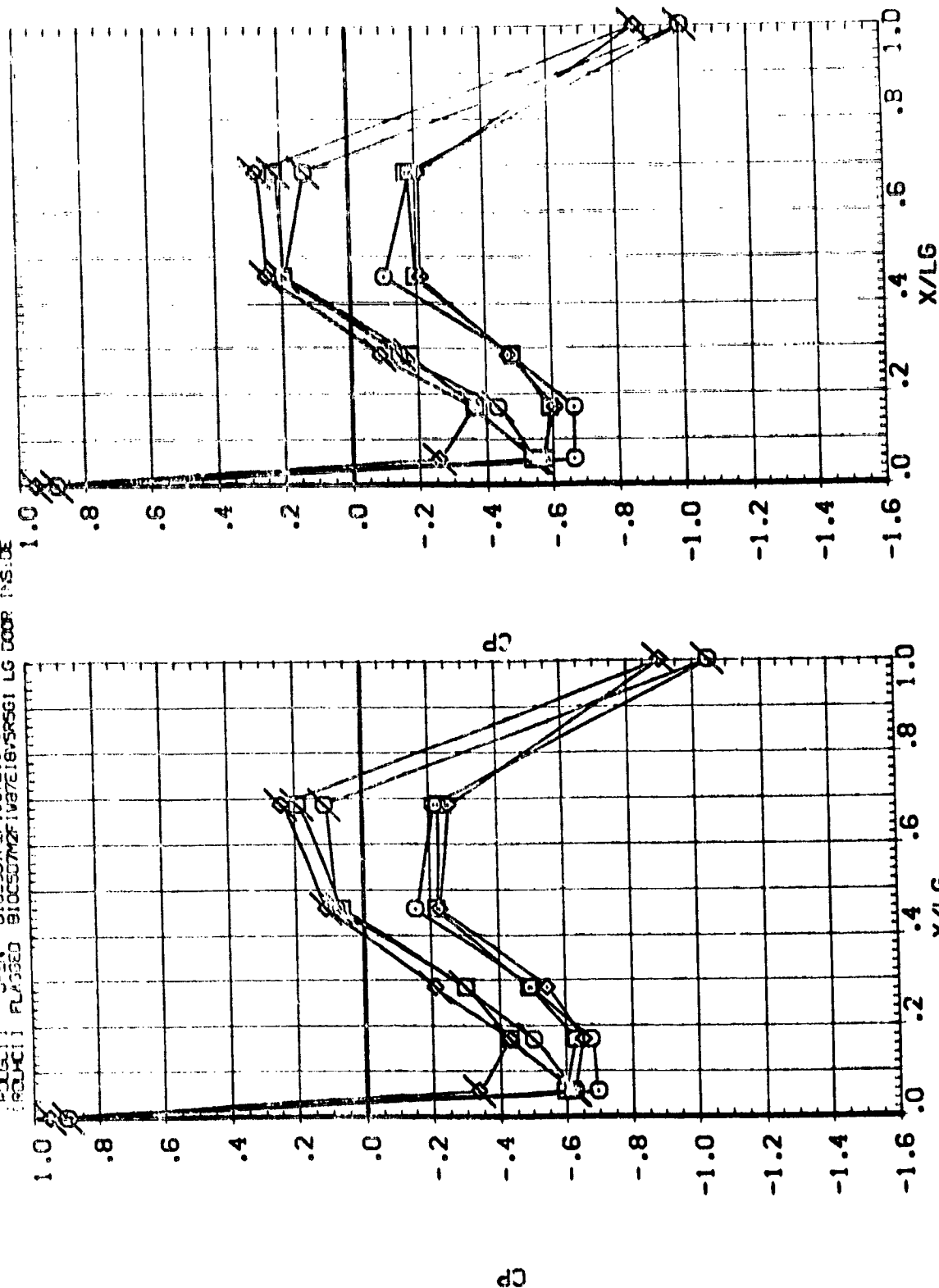


LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR



SYMBOL Z/AG .200 .400 .600  
 ALPHA .010 1.010  
 BETA -5.030  
 ELEVTR 0.001 R  
 40.000 2000 1000  
 FLIP -0.000

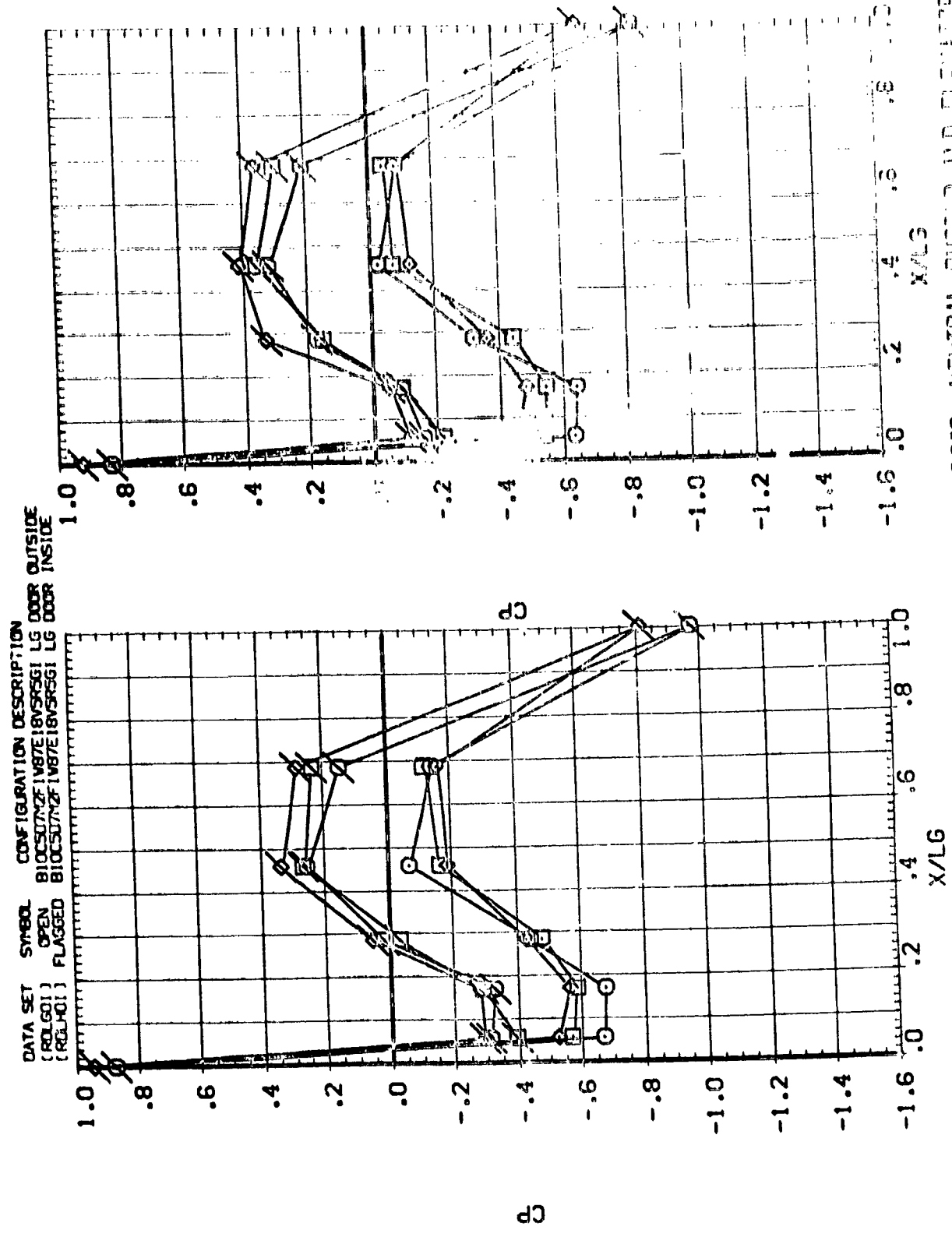
DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 POLGE1 OPEN B10C50MZF1V87E18VSP5G1 LG DOOR OUTSIDE  
 POLGE2 PLASSED B10C50MZF1V87E18VSP5G1 LG DOOR INSIDE



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR. NEUTRAL RUDDER AND ELEVATOR



SYMBOL    Z/HG    ALPHA    BETA    ELEVTR    RUDER    FLAP    PARAMETRIC VALUES  
              .200    2.000    -5.030    .000    .000    .000    .000  
              .400    4.050               40.000    40.000    40.000    40.000  
              .600                                        .000    .000    .000    .000



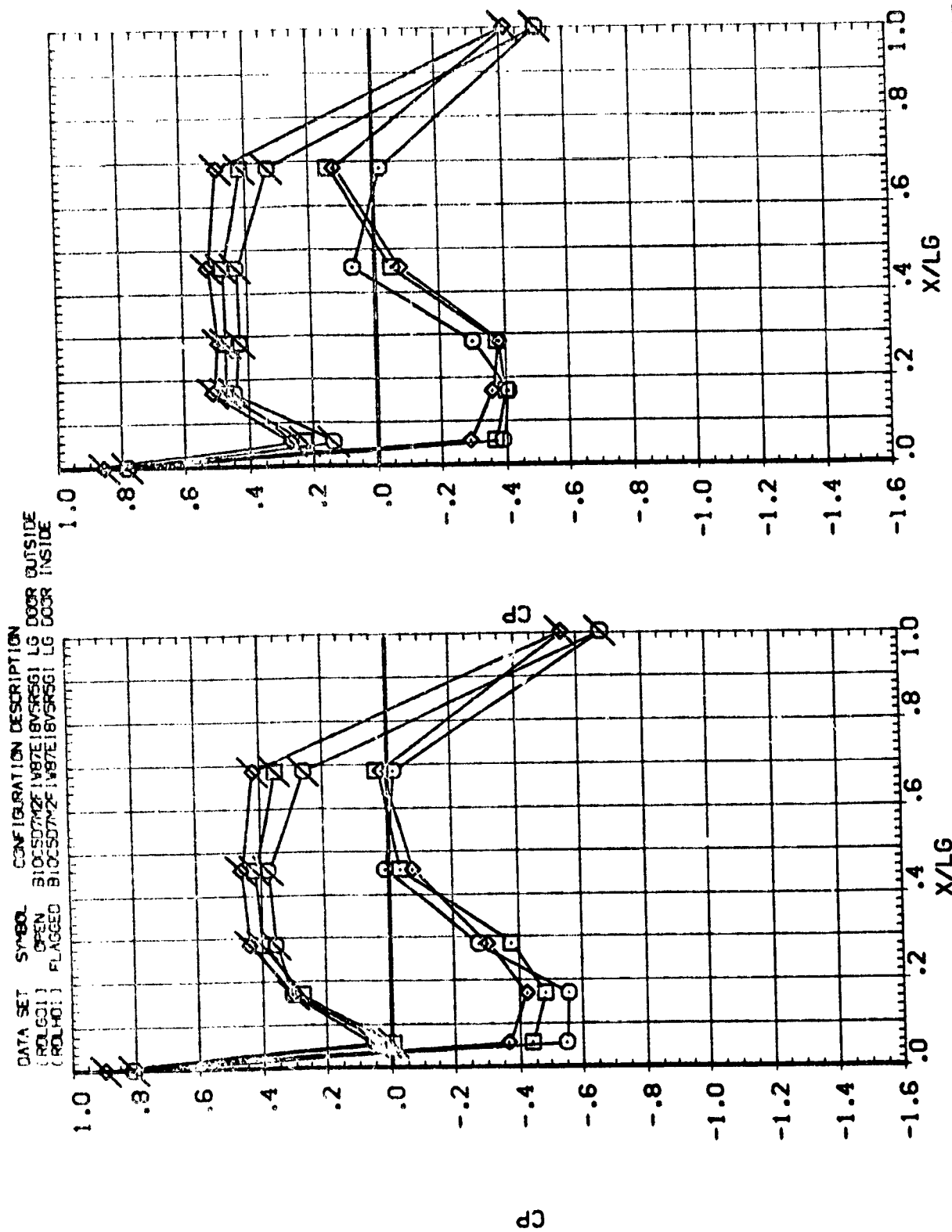
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES

ELEVTR	.000	RUDDER	.000
RUOFLR	40.000	CLAP	-3.000

SYMBOL

Z/AG	ALPHA	BETA
.200	6.090	-5.030
.400	8.130	
.600		

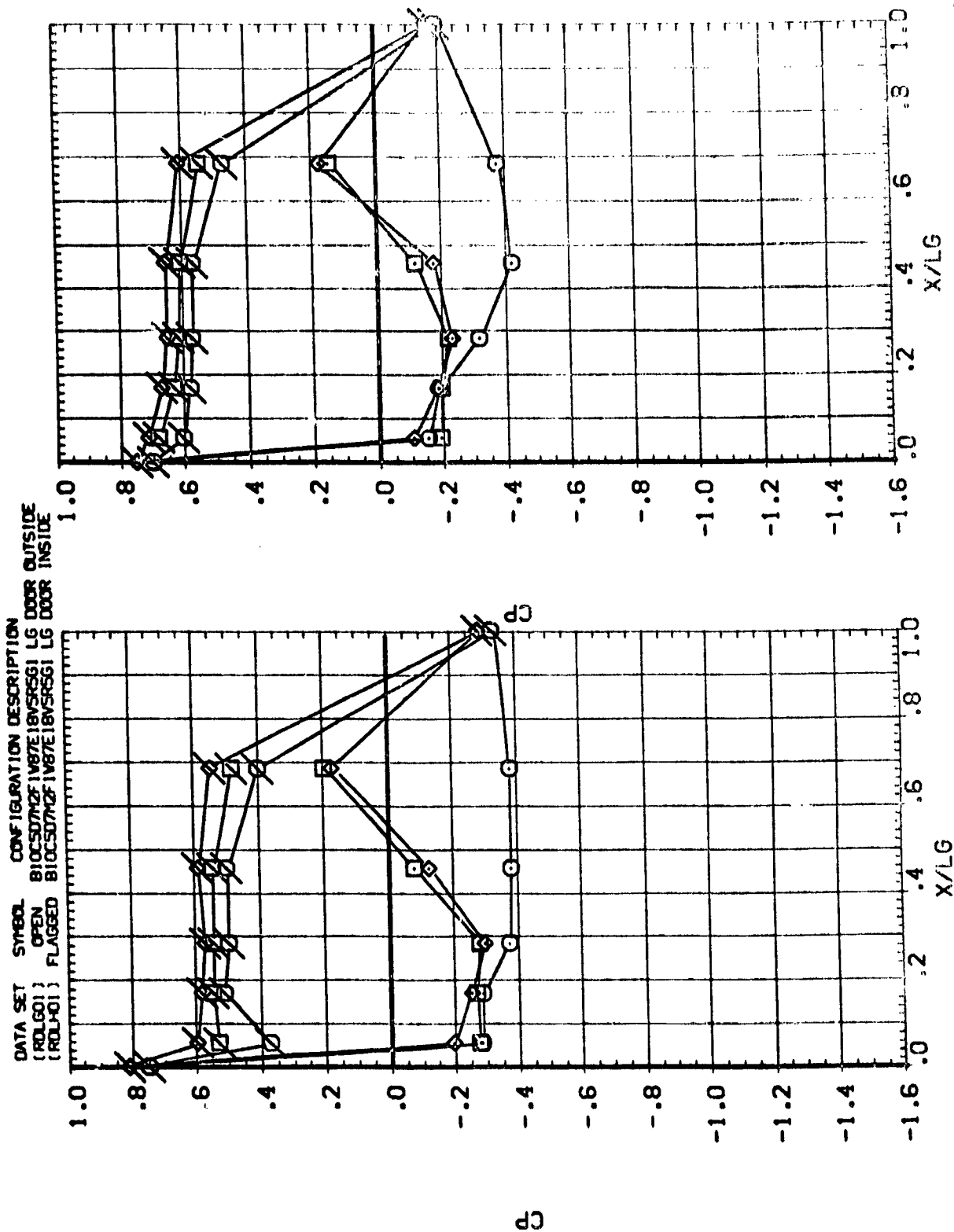




SYMBOL Z/AG  
 ○ .200  
 □ .400  
 ◇ .600

ALPHA BETA  
 10.170 -5.030  
 12.220

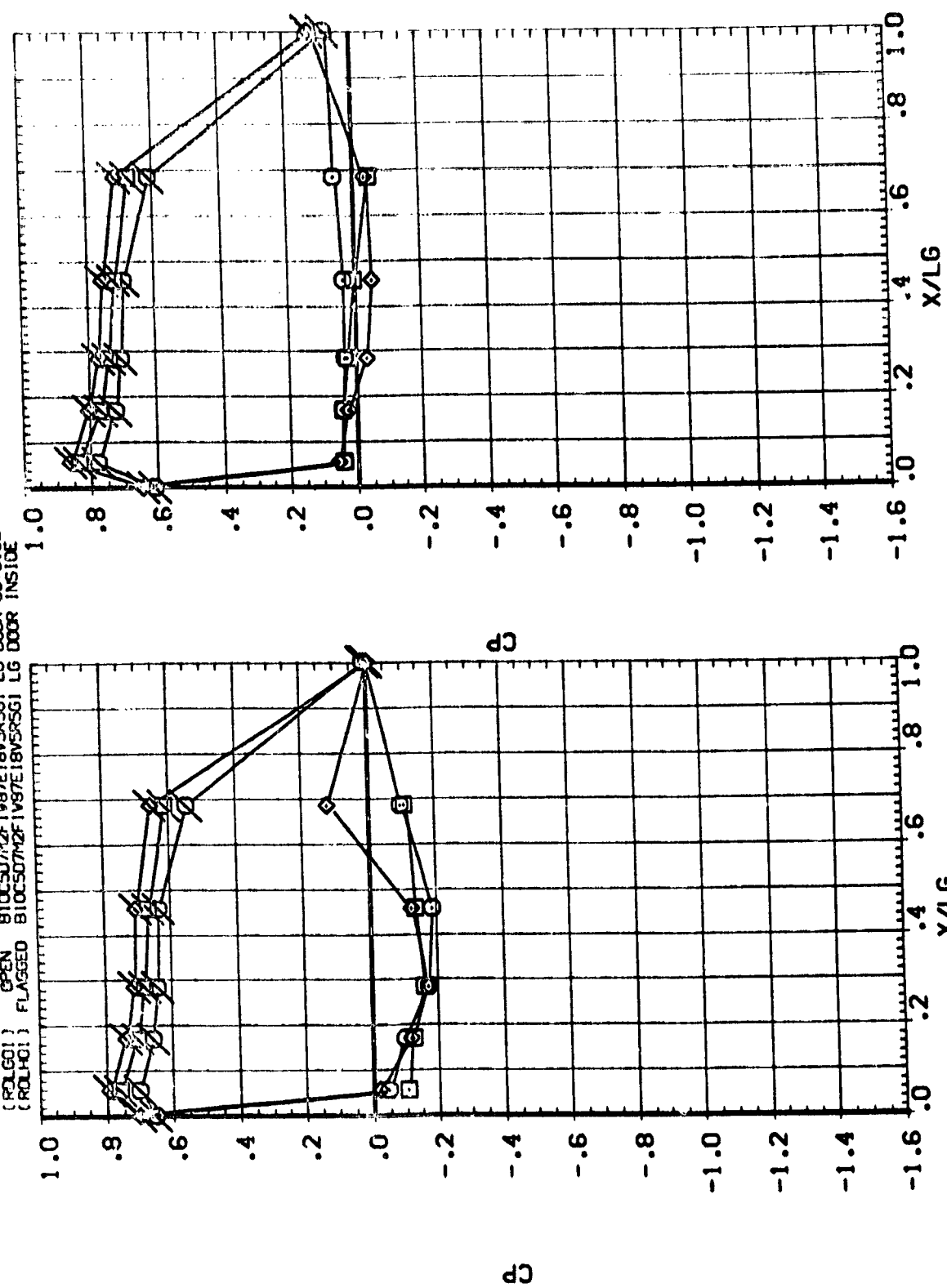
PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFUR 40.000 FLAP -15.000

SYMBOL Z/HG ALPHA BETA  
 .200 14.260 -5.030  
 .400 16.240  
 .600

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLGOI) OPEN 810C507M2F1V87E18VSR5G1 LG DOOR OUTSIDE  
 (ROLHOI) FLAGGED 810C507M2F1V87E18VSR5G1 LG DOOR INSIDE



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR  
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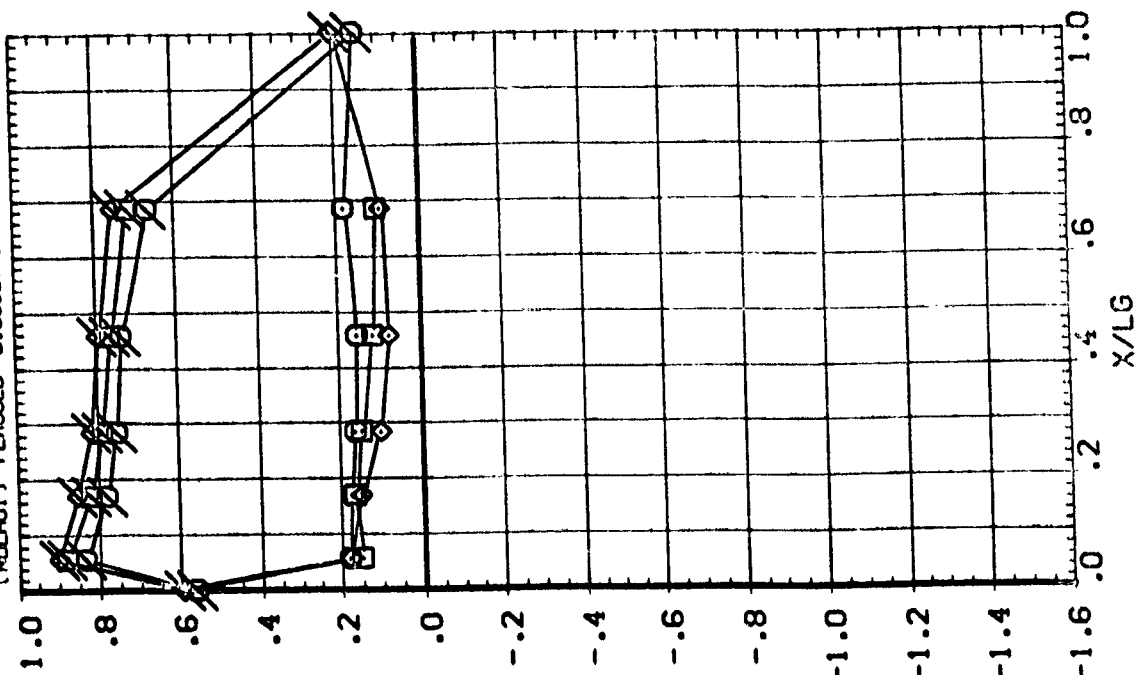


PARAMETRIC VALUES  
 .000 RUDDER .000  
 40.000 FLAP -18.000

SYMBOL Z/G ALPHA BETA  
 .200  
 .400  
 .600

□ ◇

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (R0L01) OPEN B10C507M2F1V87E18VSR5G1 LG DOOR OUTSIDE  
 (R0LH01) FLAGGED B10C507M2F1V87E18VSR5G1 LG DOOR INSIDE

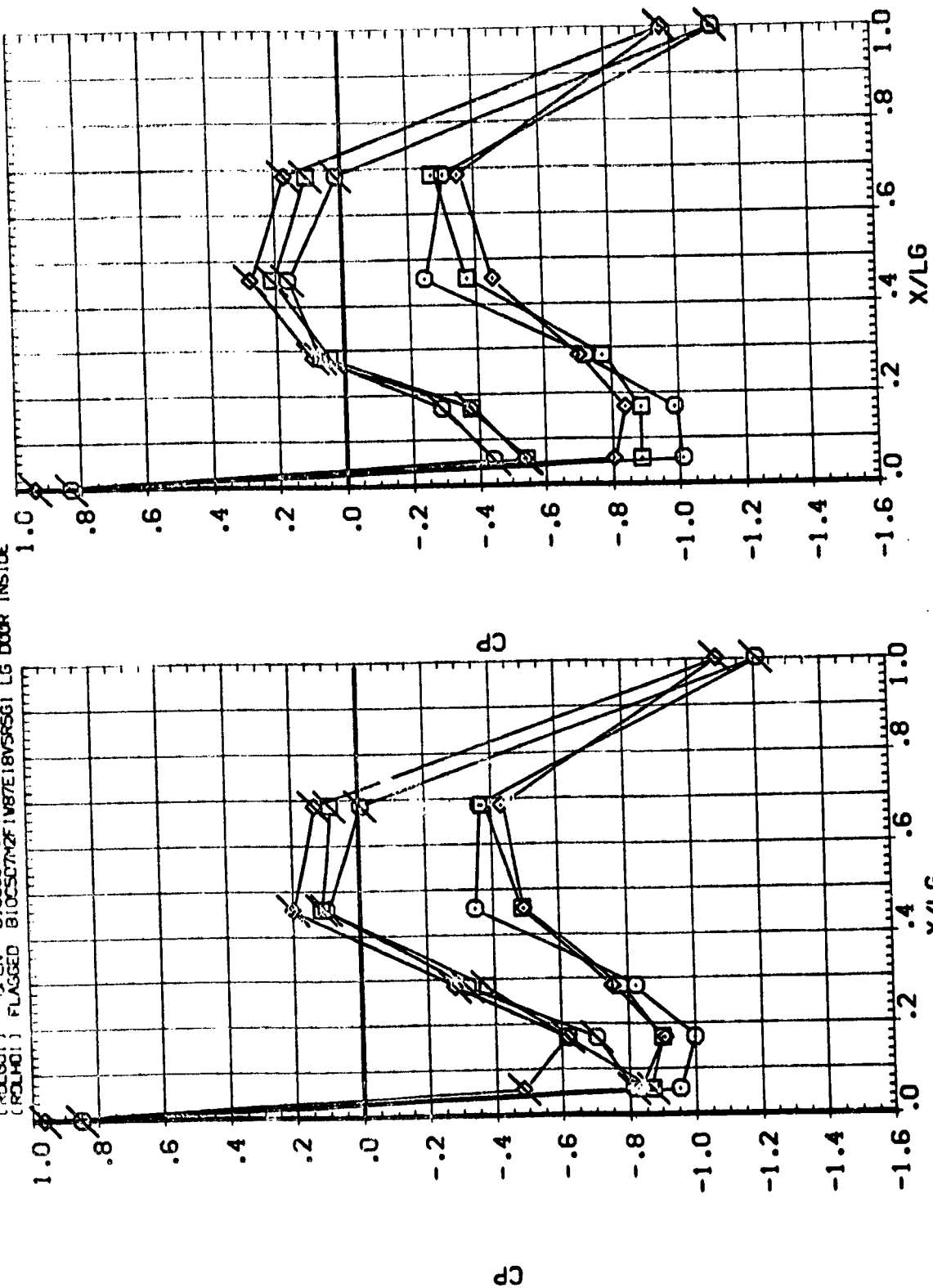


LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -19.000

SYMBOL Z/HG ALPHA BETA  
 .200 -3.040 .000  
 .400 -1.000  
 .600

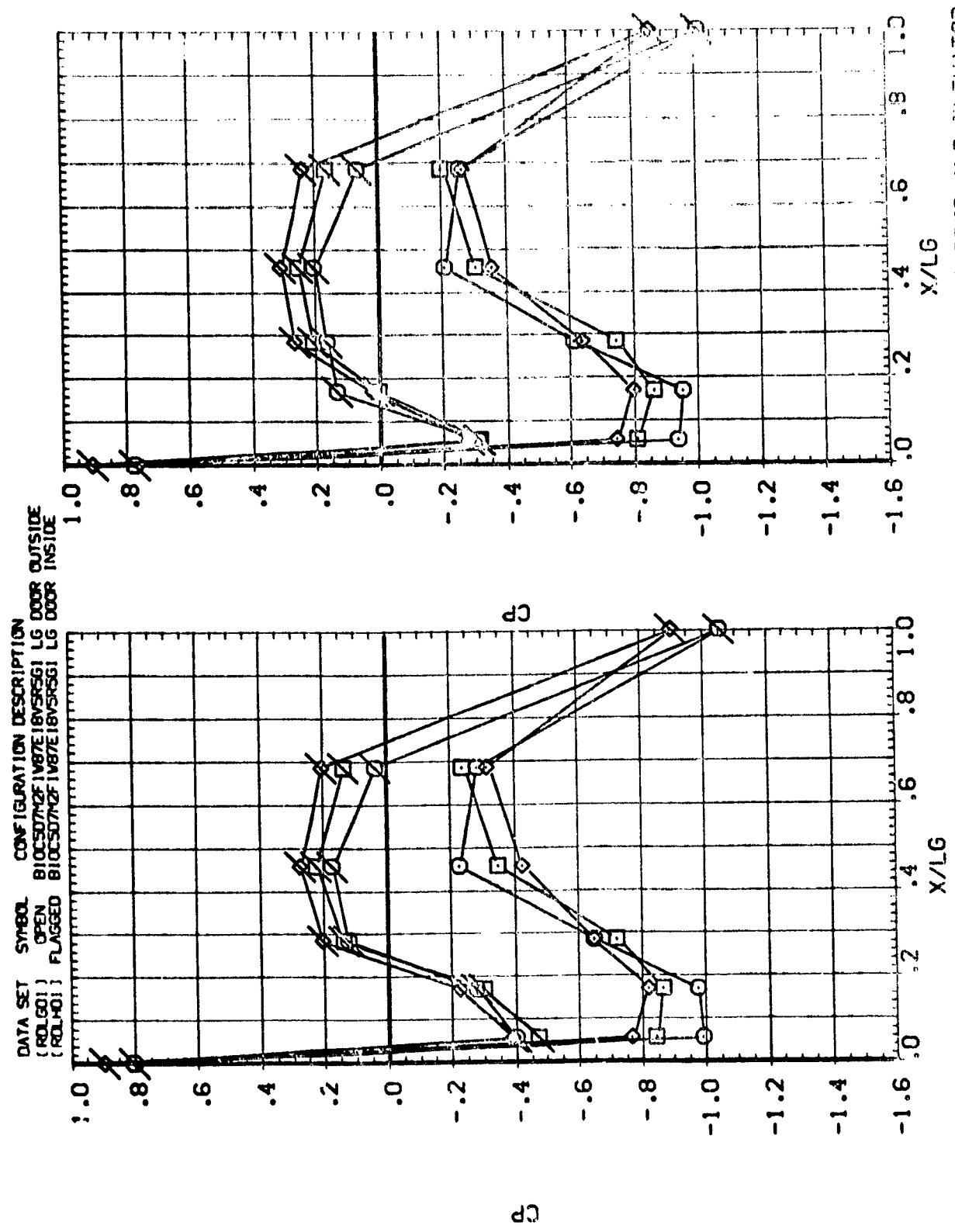
DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLG01) OPEN B10C507N2F1W67E18VSRS61 LG DOOR OUTSIDE  
 (ROLH01) FLAGGED B10C507N2F1W67E18VSRS61 LG DOOR INSIDE



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR



SYMBOL	Z/6	ALPHA	BETA	PARAMETRIC VALUES	
	.200 .400 .600	.010 .990	.000	ELEVTR RUOFLR	.000 RUDDER 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR

PAGE 639

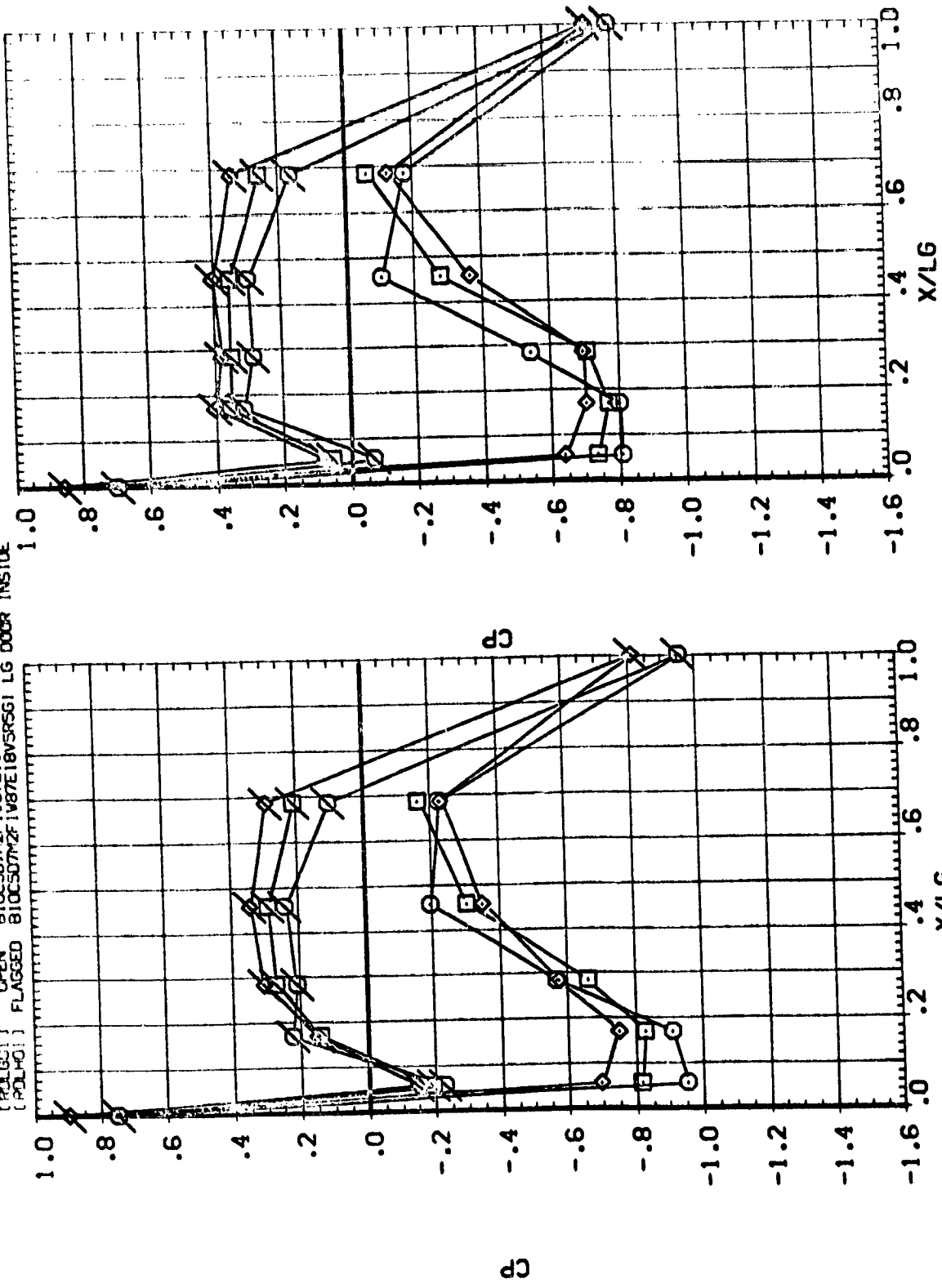


PARAMETRIC VALUES  
 .000 RUDDER 300  
 40.000 FLAP -18.000

ELEVTR  
 RUOFLR

SYMBOL Z/HG ALPHA BETA  
 .200 2.030 .000  
 .400 4.030  
 .600

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (POLG1) OPEN B10C507M2F1V87E18V5R5G1 LG DOOR OUTSIDE  
 (POLH0) FLAGGED B10C507M2F1V87E18V5R5G1 LG DOOR INSIDE



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 540



PARAMETRIC VALUES  
 .000 RUDDER .100  
 40.000 FLAP -18.000

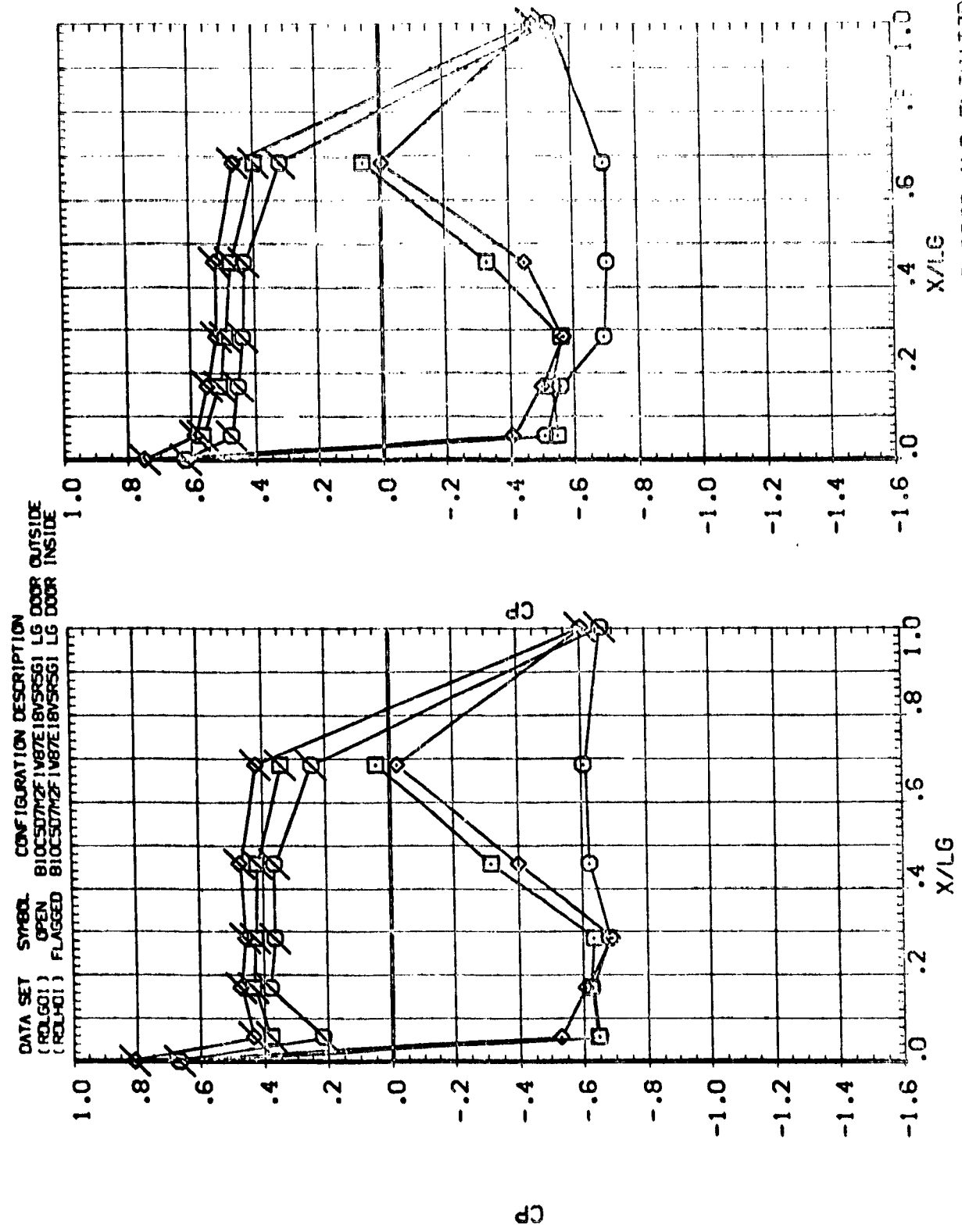
ELEVTR  
 RUOFLR

ALF ° BETA .000

6.080  
 8.110

2/46 .200  
 .400  
 .600

SYMBOL  
 ○ □ ◇

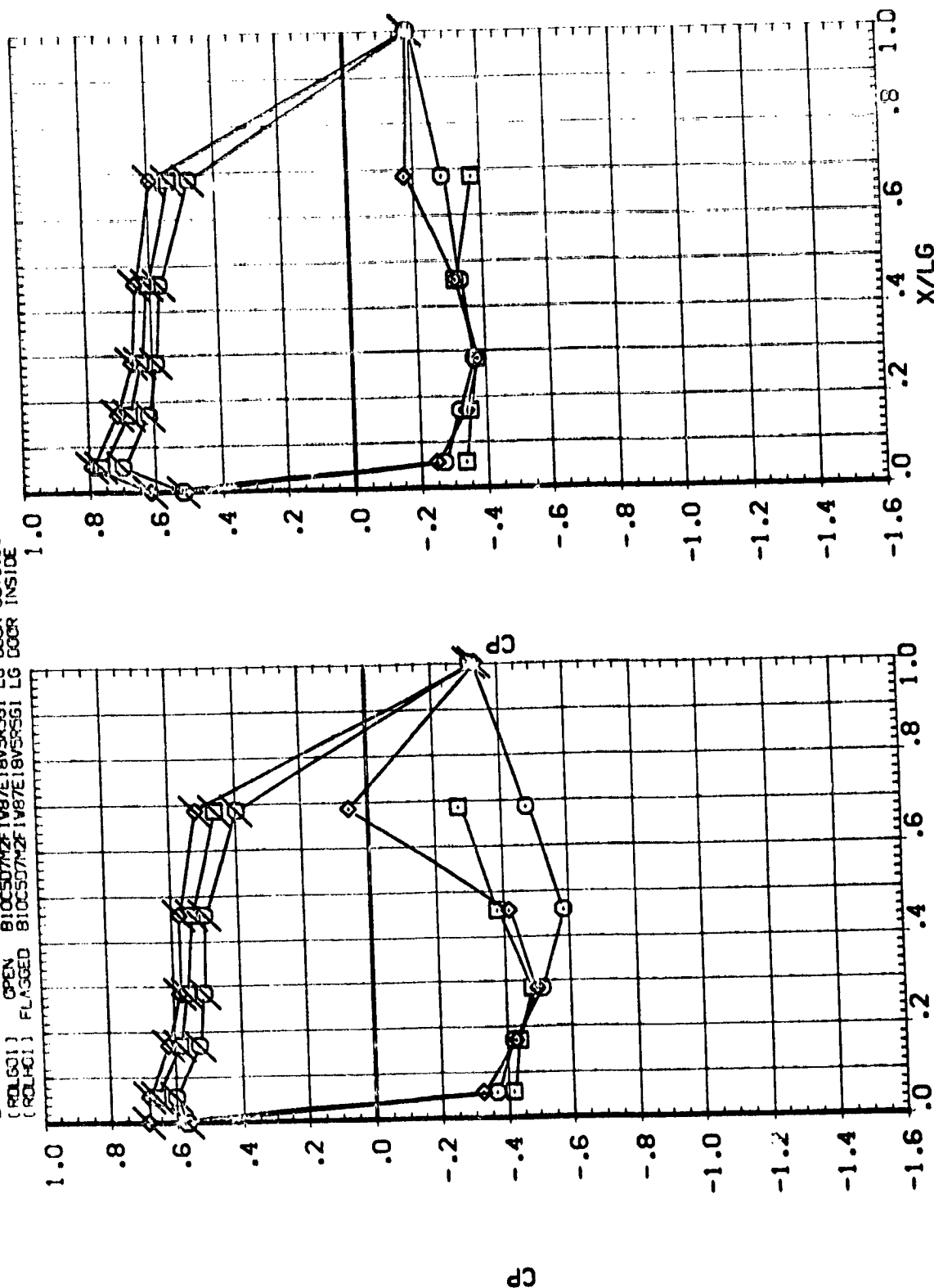


LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR

PARAMETER VALUES  
ELEVTR .000 FLUDEF .000  
RUFLR 40.000 FLAP -18.000

SYMBOL Z/AG ALPHA BETA  
□ .200 10.120 .000  
□ .400 12.200  
◇ .600

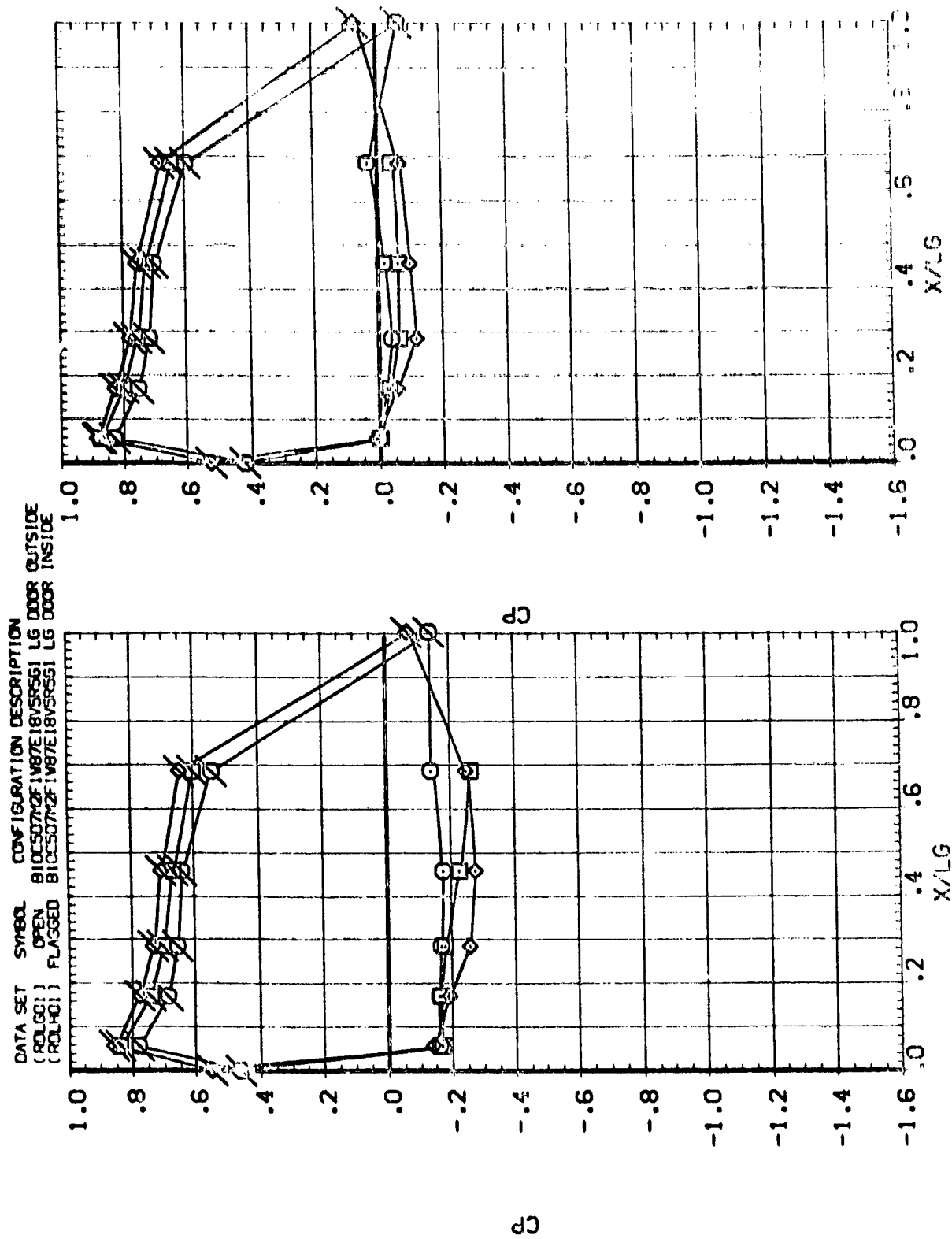
DATA SET SYMBOL CONFIGURATION DESCRIPTION  
(R0LG01) OPEN B10C507M2F1V87E18VSRSG1 LG DOOR OUTSIDE  
(R0LG01) FLAGGED B10C507M2F1V87E18VSRSG1 LG DOOR INSIDE



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR  
PAGE 642

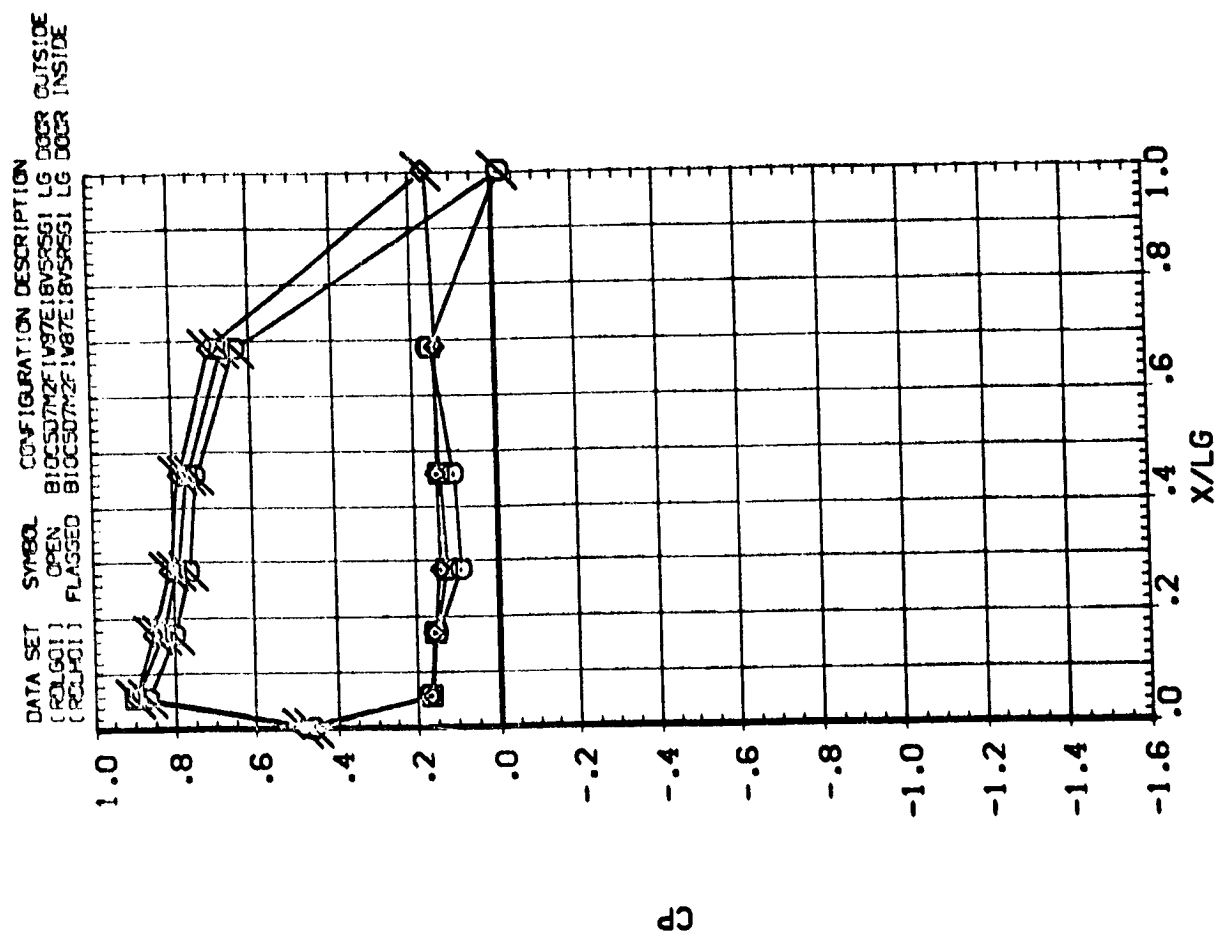


SYMBOL	Z/HG	ALPHA	BETA	ELEVTR	PARAMETRIC VALUES
○	.200	14.240	.000	RUDDER	.000
□	.400	16.230		FLAP	-18.000
◇	.600				



SECRET

SYMBOL	Z/HG	ALPHA	BETA
0	.200	18.300	.000
1	.400		
2	.600		



X/LG  
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR



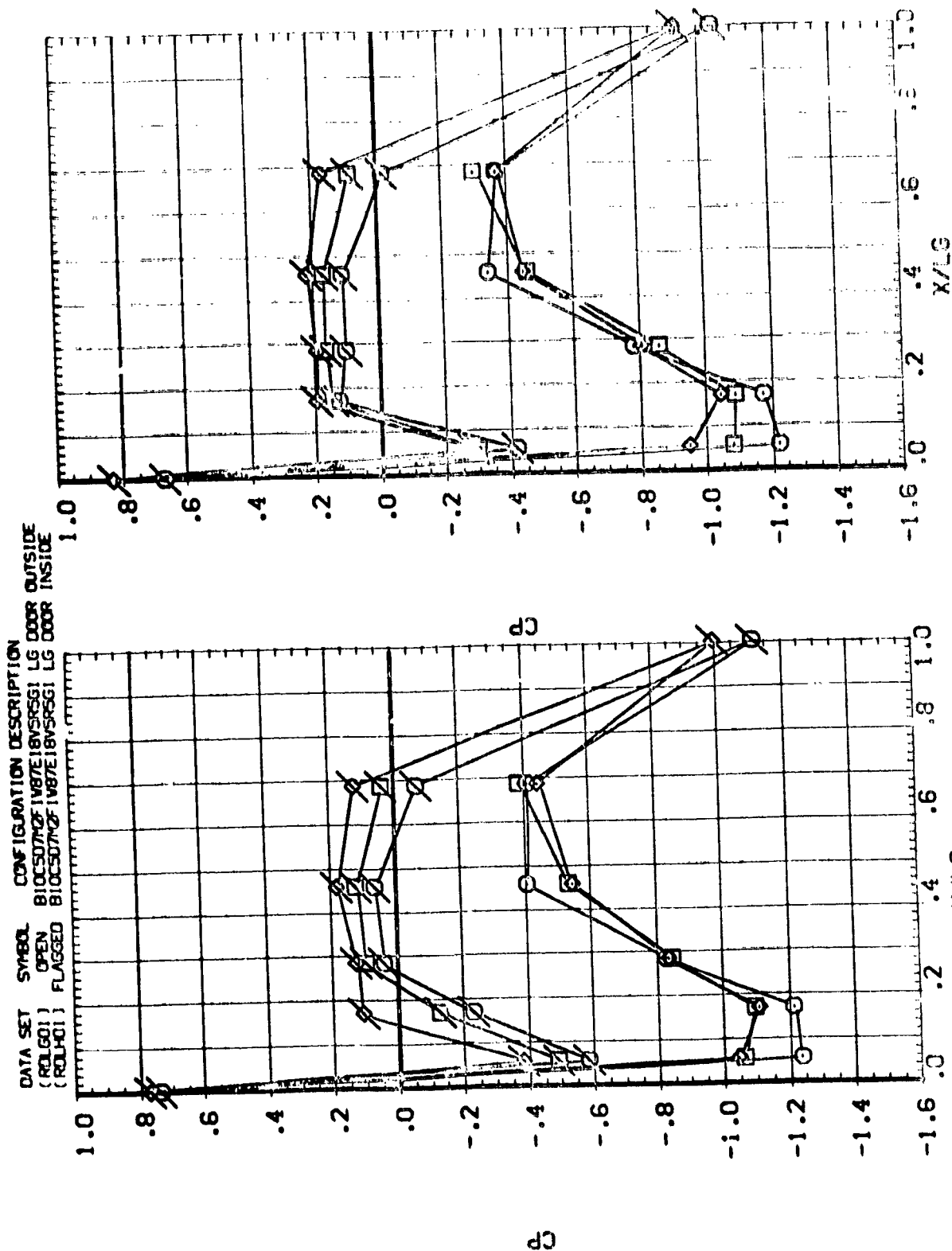
SYMBOL  
 ○ □ ◇

Z/HG  
 .200  
 .400  
 .600

ALPHA  
 -3.030  
 -1.010

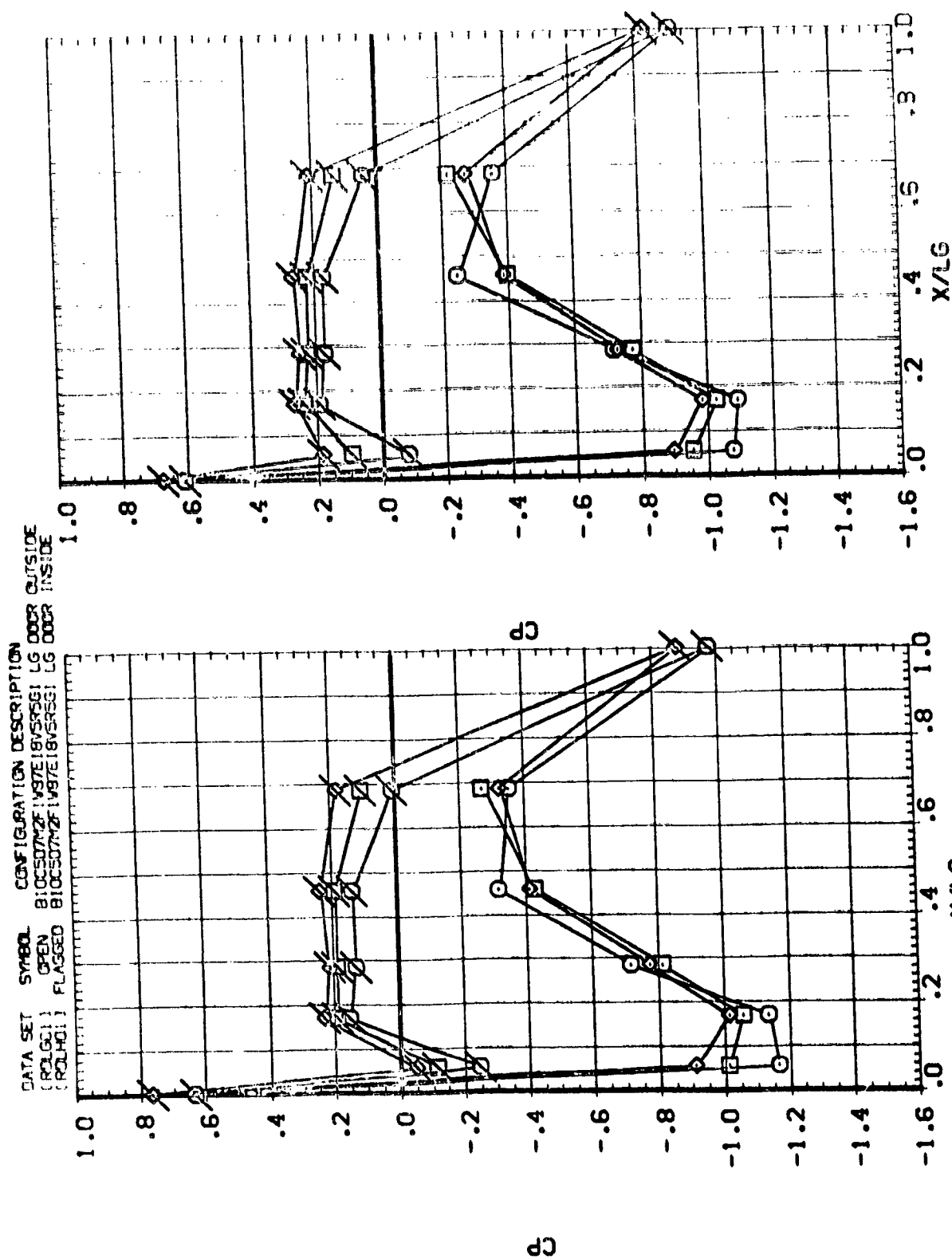
BETA  
 5.000

PARAMETRIC VALUES  
 .000 .000 .000  
 ELEVTR RUDER FLAP  
 40.000 19.000



ELEMENTAL ALPHAS  
 SLEVR 200 2000 200  
 2000 40.000 2000 -12.000

SYMBOL Z/HG ALPHA BETA  
 .200 .010 5.000  
 .400 .990  
 .600



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 545



SYMBOL

Z/HG  
.200  
.400  
.600

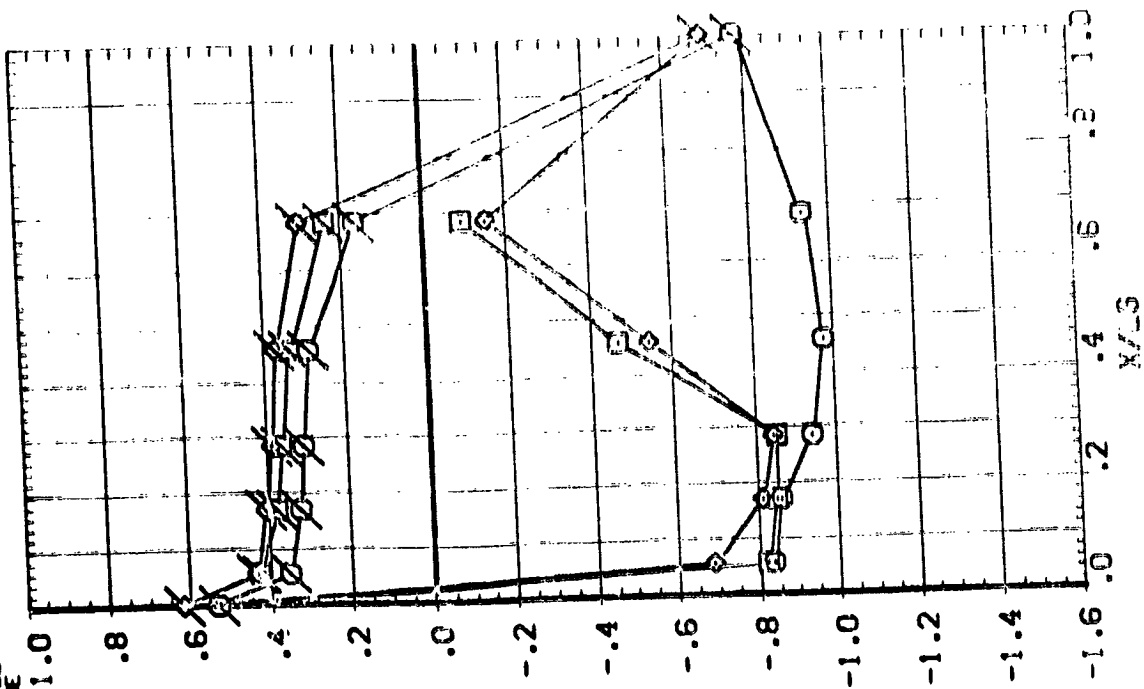
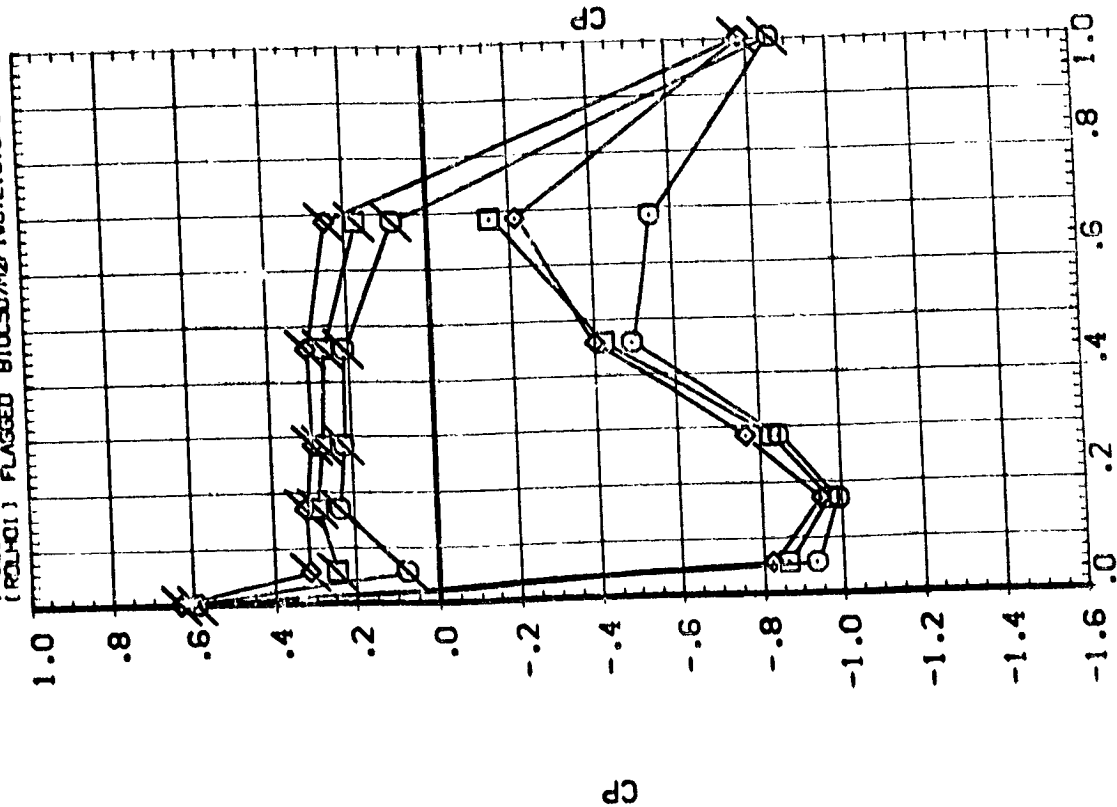
ALPHA  
2.020  
4.020

BETA  
5.000

PARAMETRIC VALUES

ELEVTR  
R.D.FLR  
40.000  
2.000  
2.000  
5.000  
-19.000

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
(R01G01) OPEN B10C507MZF 1W87E18VS5SG1 LG DOOR OUTSIDE  
(R01H01) FLAGGED B10C507MZF 1W87E18VS5SG1 LG DOOR INSIDE



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR



PARAMETRIC VALUES

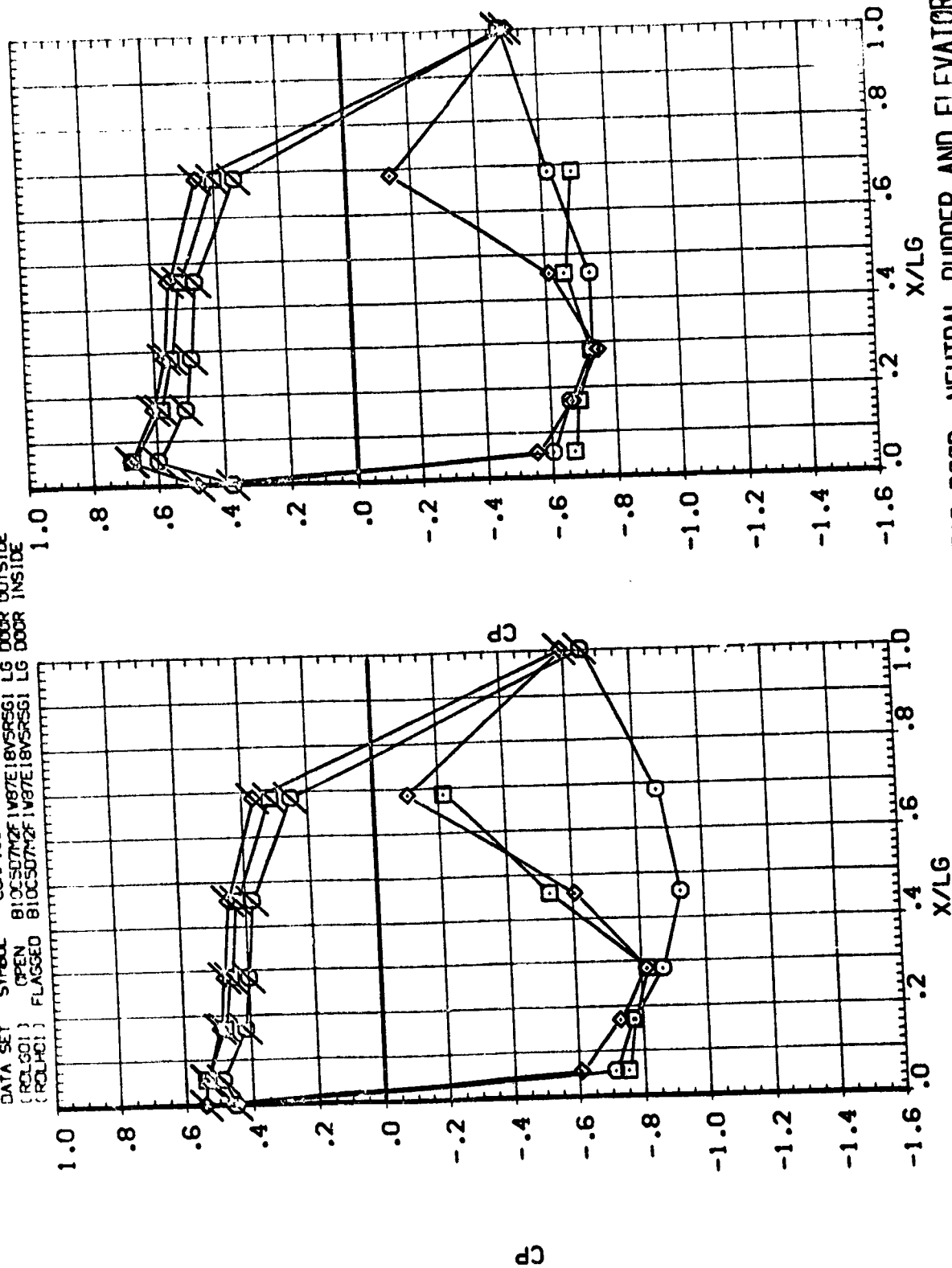
ELEVTR	.000	RUDDER	.000
RUOFLR	40.000	FLAP	-18.000

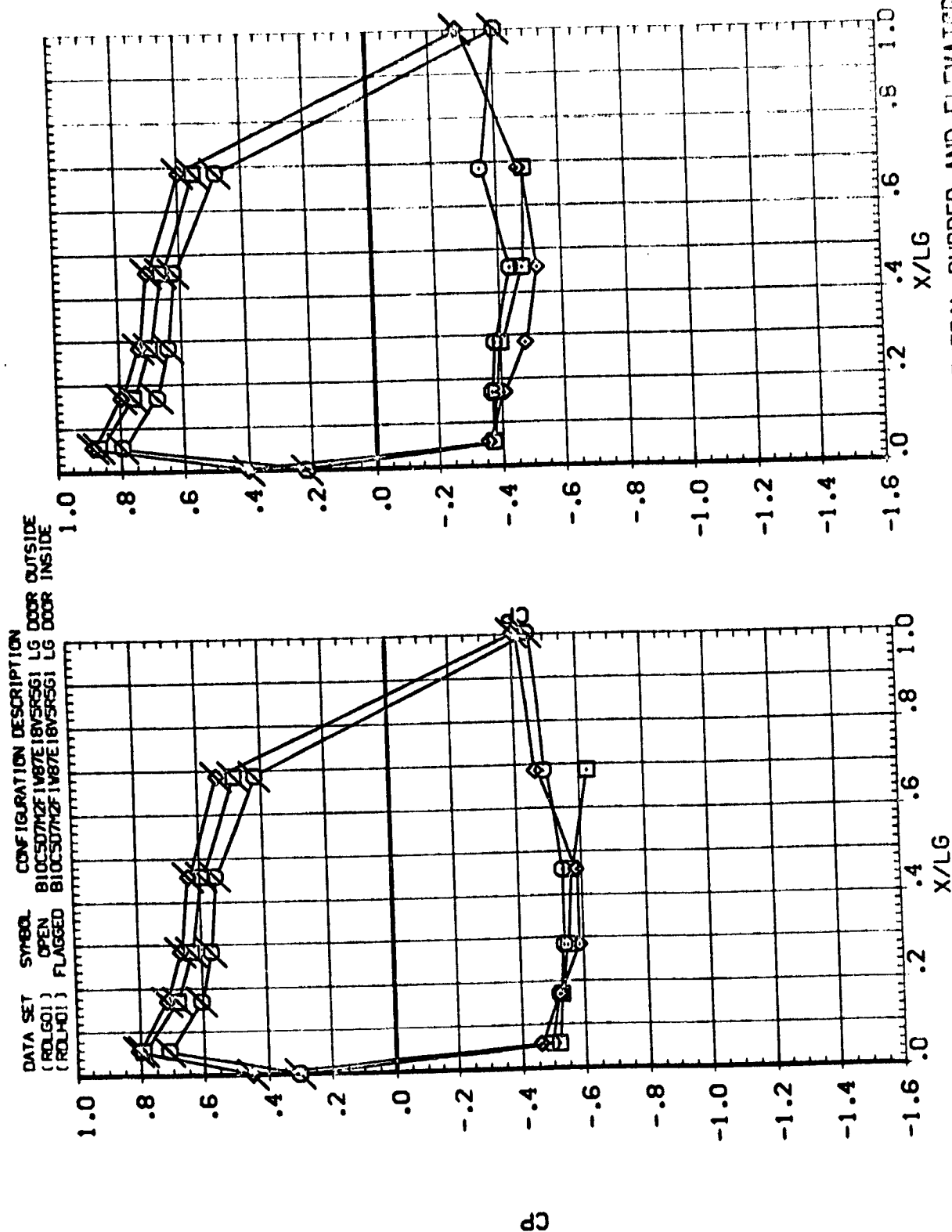
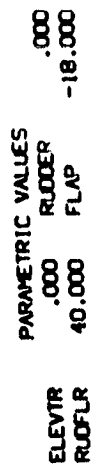
SYMBOL

Z/HG	ALPHA	BETA
.200	6.070	5.000
.400	8.120	
.600		

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ROLGOI)	(OPEN)	B10C507M2F1V87E18VSRSG1	LG DOOR OUTSIDE
(ROLHCL)	(FLAGGED)	B10C507M2F1V87E18VSRSG1	LG DOOR INSIDE





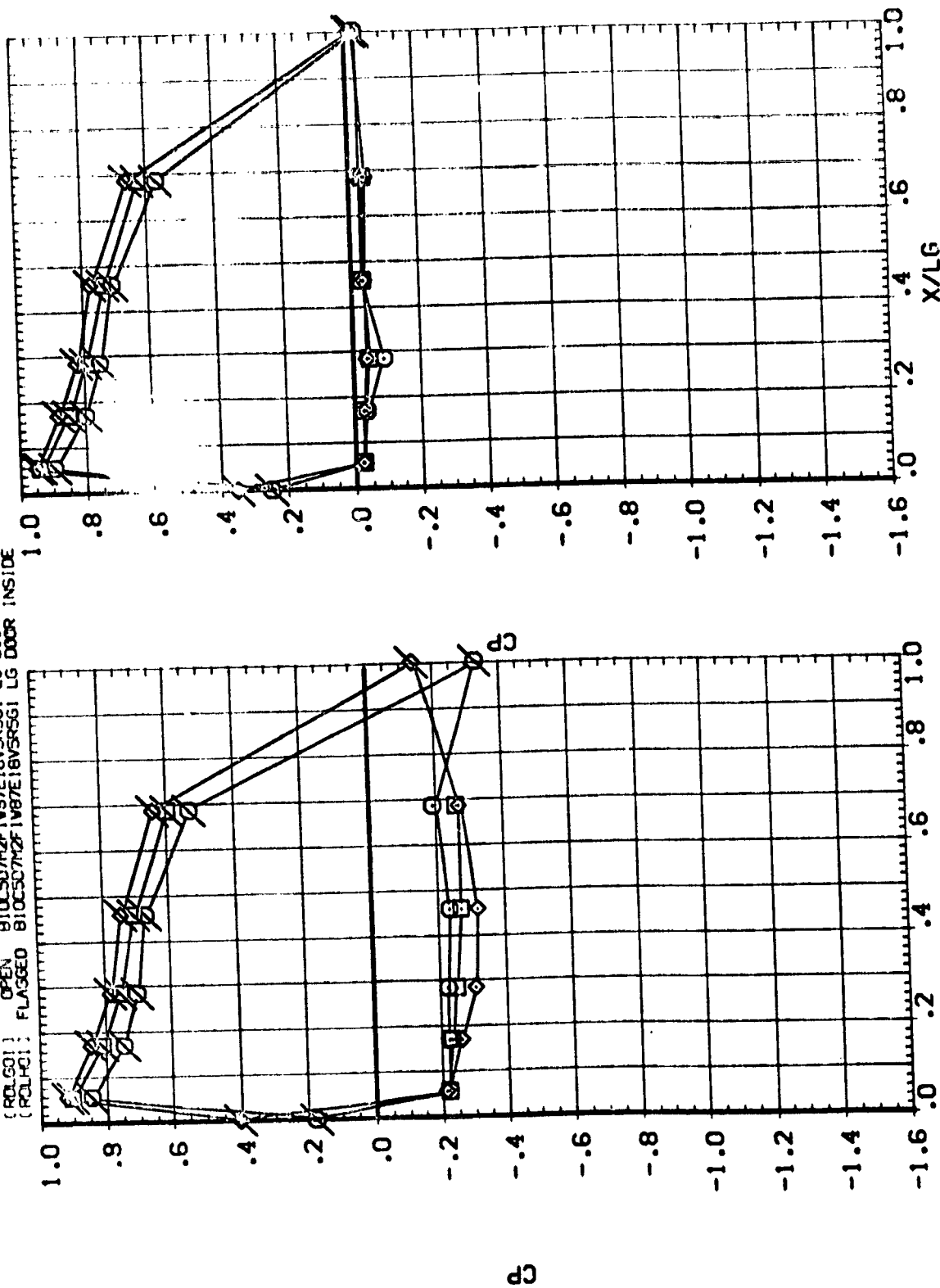
X/LG  
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES  
 .000 RUDDER .000  
 40.000 FLAP -19.000

ELEVTR  
 RUOFLR

SYMBOL Z/RG ALPHA BETA  
 .200 14.220 5.000  
 .400 16.250  
 .600

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (RGLG01) OPEN 810C507M2F1V97E18VSRSG1 LG DOOR OUTSIDE  
 (RGLG01) FLAGGED 810C507M2F1V97E18VSRSG1 LG DOOR INSIDE



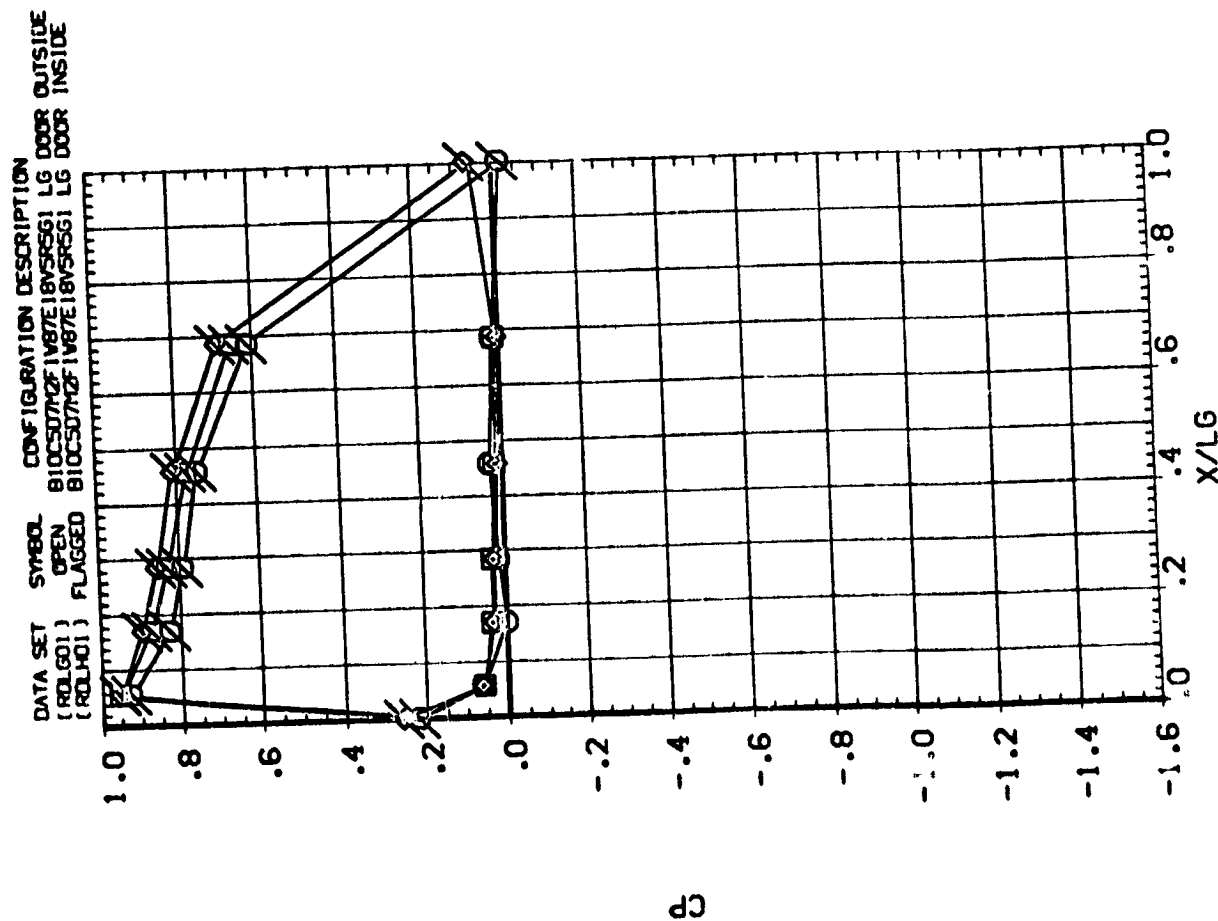
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR  
 PAGE 650



SYMBOL Z/HG  
 .200  
 .400  
 .600

ALPHA BETA  
 18.280 5.000

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

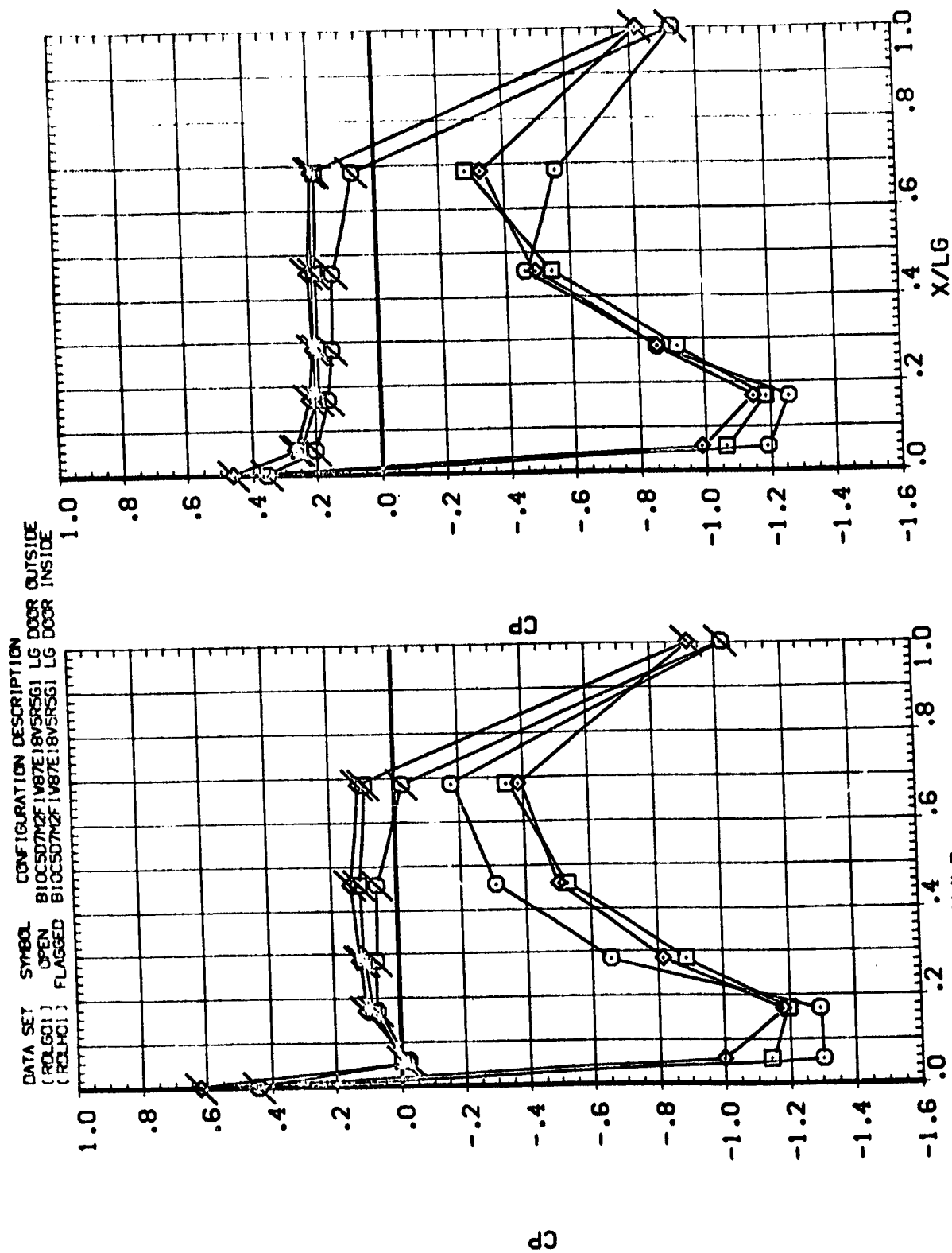


PARAMETRIC VALUES

ELEVTR	.000	RUDDER	.000
RUDFLR	40.000	FLAP	-18.000

SYMBOL Z/HG ALPHA BETA

○	.200	-3.010	10.030
□	.400	-1.030	
◇	.600		



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR

PAGE 652

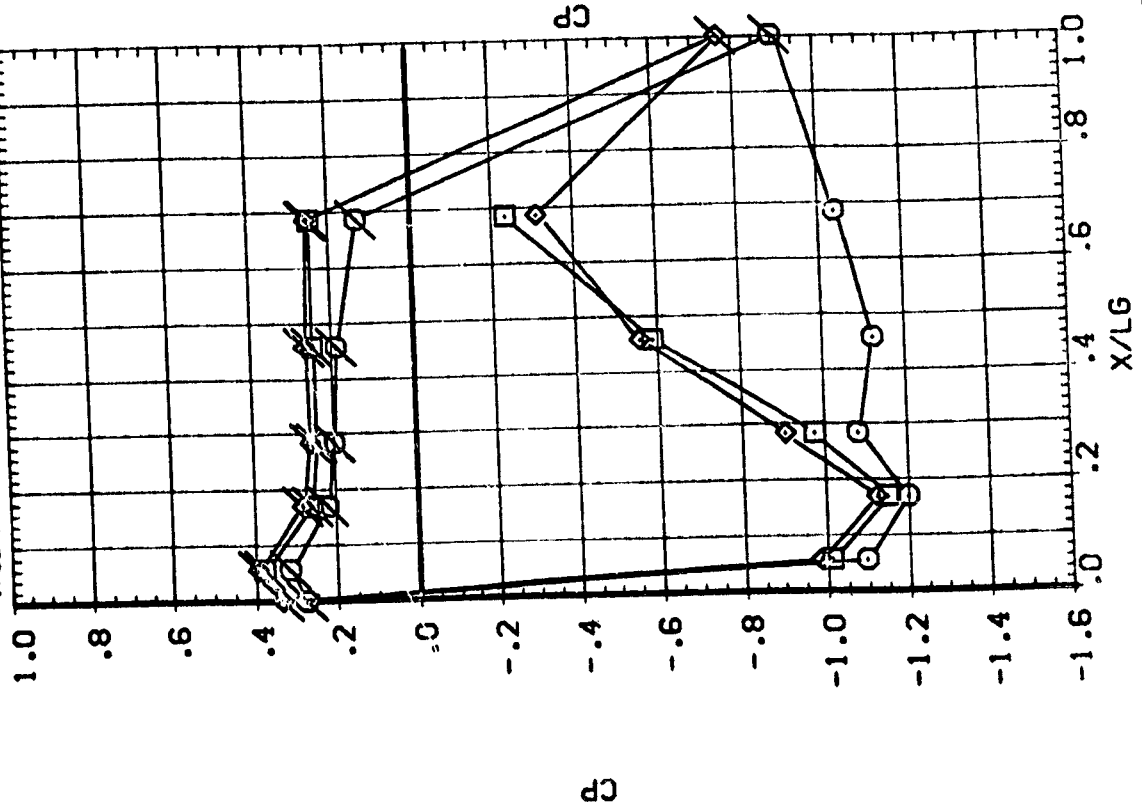


SYMBOL Z/HG  
 .200  
 .400  
 .600

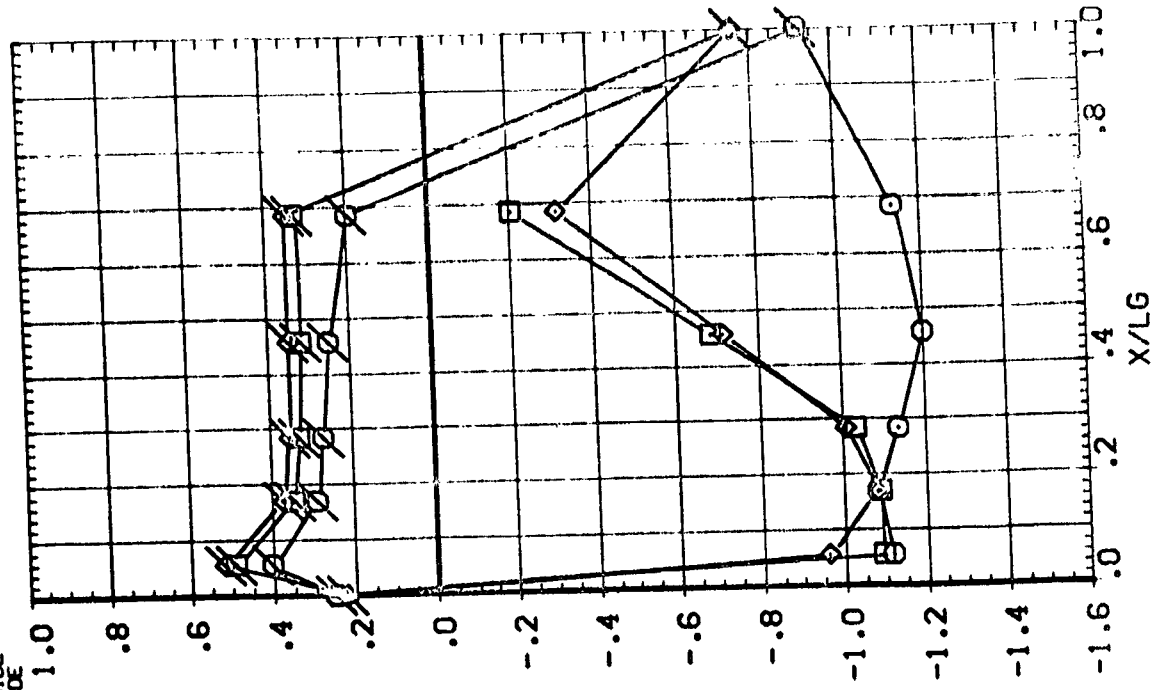
ALPHA .000  
 1.020

BETA 10.030

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (R0LGO1) OPEN B10C507M2F1V87E18VSRSG1 LG DOOR OUTSIDE  
 (R0LHO1) FLAGGED B10C507M2F1V87E18VSRSG1 LG DOOR INSIDE



PARAMETRIC VALUES  
 ELEVTR .000  
 RUOFLR 40.000  
 RUDDER .000  
 FLAP -18.000

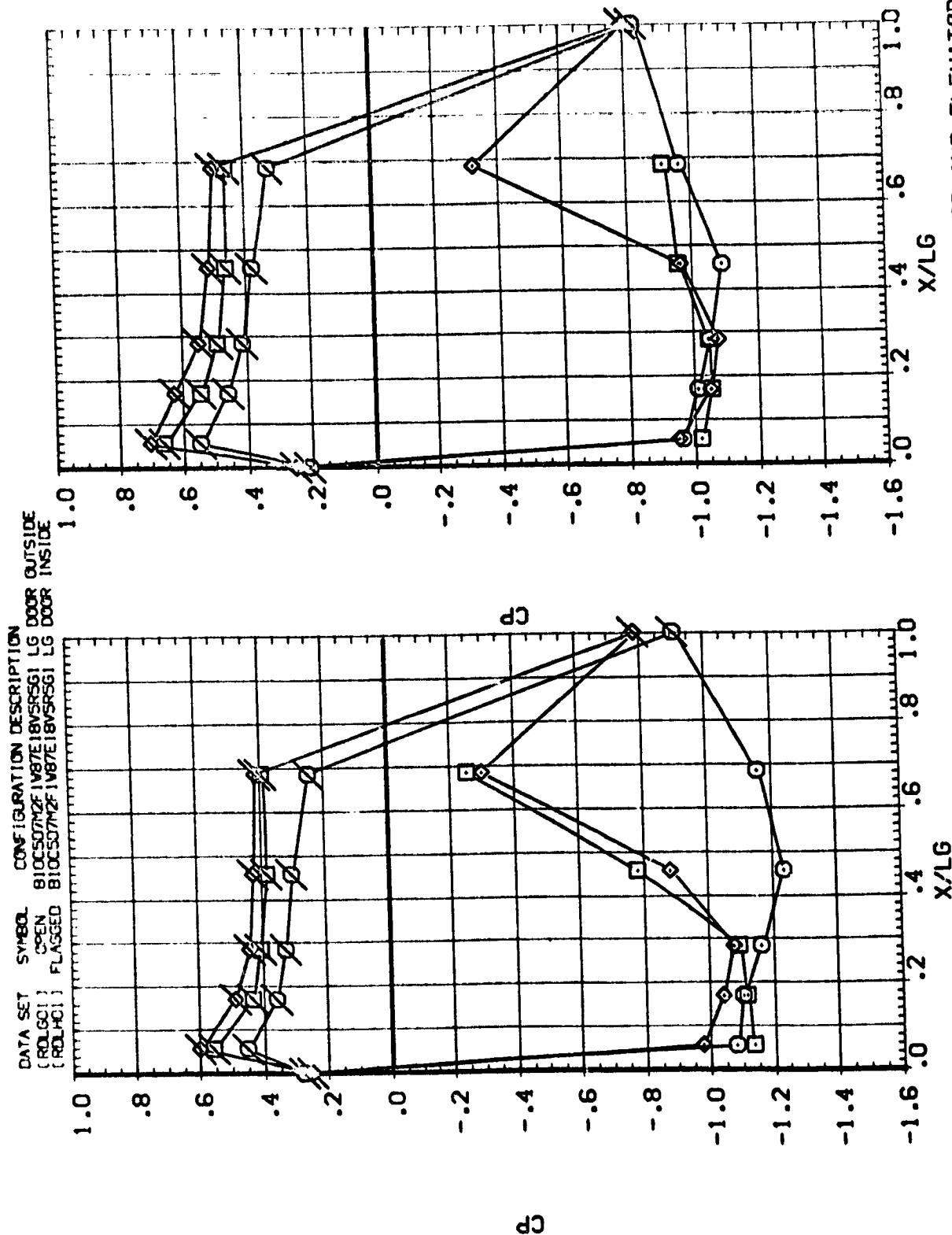


LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR

SYMBOL  $Z/\delta$  ALPHA BETA  
 .200 2.040 10.030  
 .400 4.050  
 .600

ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000

PARAMETRIC VALUES  
 .000 RUDDER .000  
 40.000 FLAP -18.000



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR

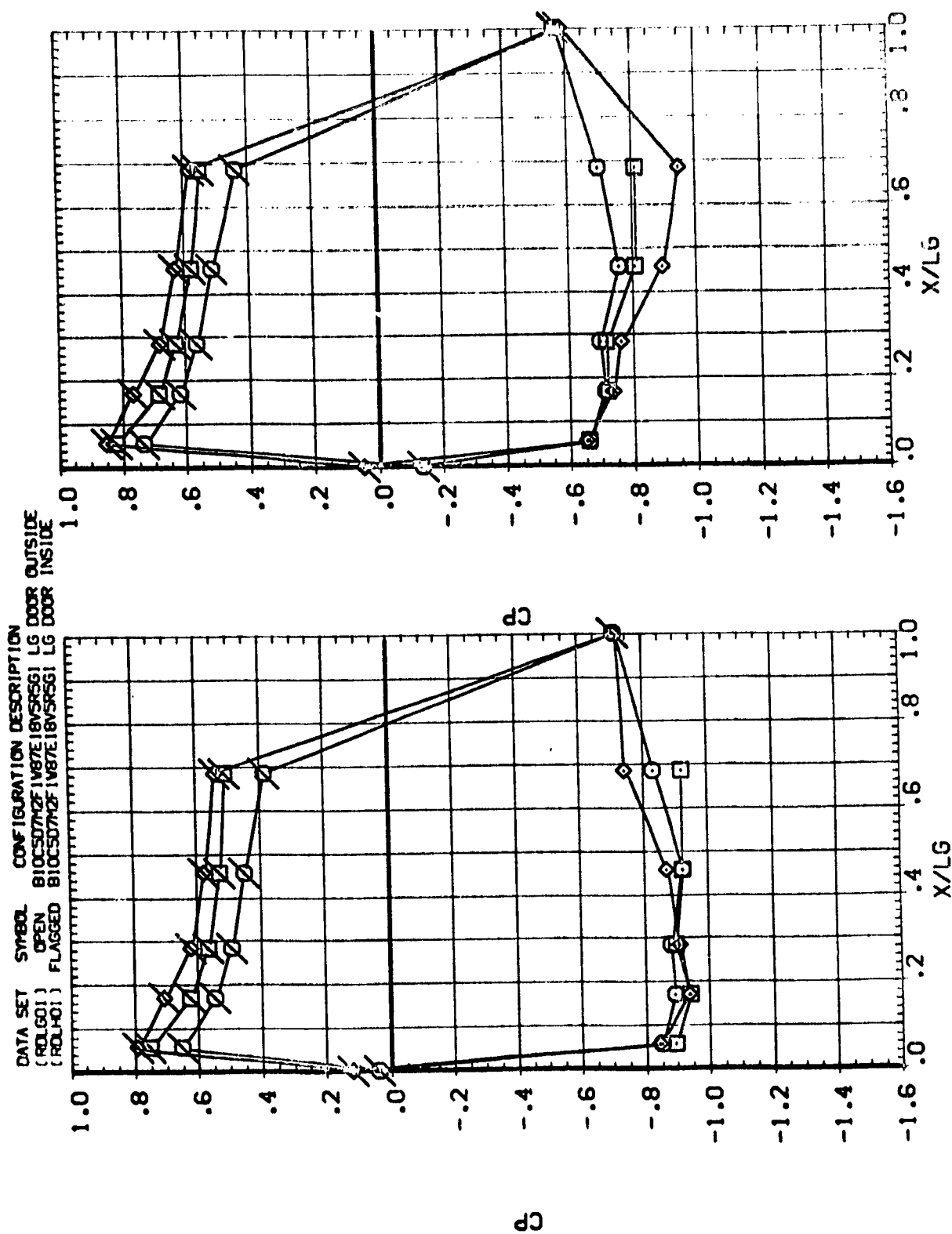


SYMBOL Z/ΛG  
 ○ .200  
 □ .400  
 ◇ .600

ALPHA  
 6.080  
 8.100

BETA  
 10.030

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUFLR 40.000 FLAP -18.000



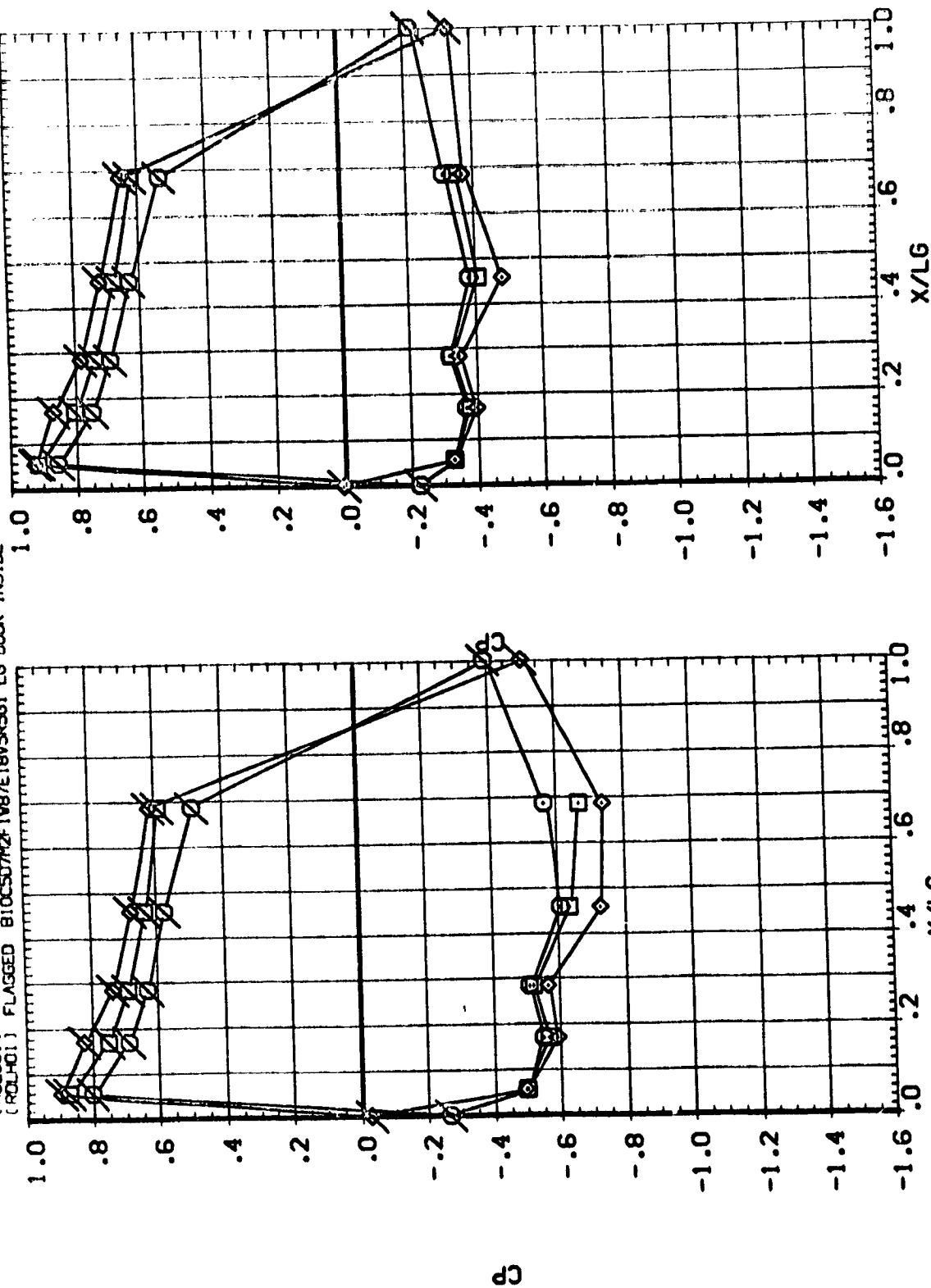


PARAMETRIC VALUES  
 .000 RUDDER .000  
 40.000 FLAP -18.000

ELEVTR  
 RUOFLR

SYMBOL Z/HG ALPHA BETA  
 .200 10.140 10.030  
 .400 12.170  
 .600

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLG01) OPEN B10C507MZF1V87E18V5RSG1 LG DOOR OUTSIDE  
 (ROLH01) FLAGGED B10C507MZF1V87E18V5RSG1 LG DOOR INSIDE



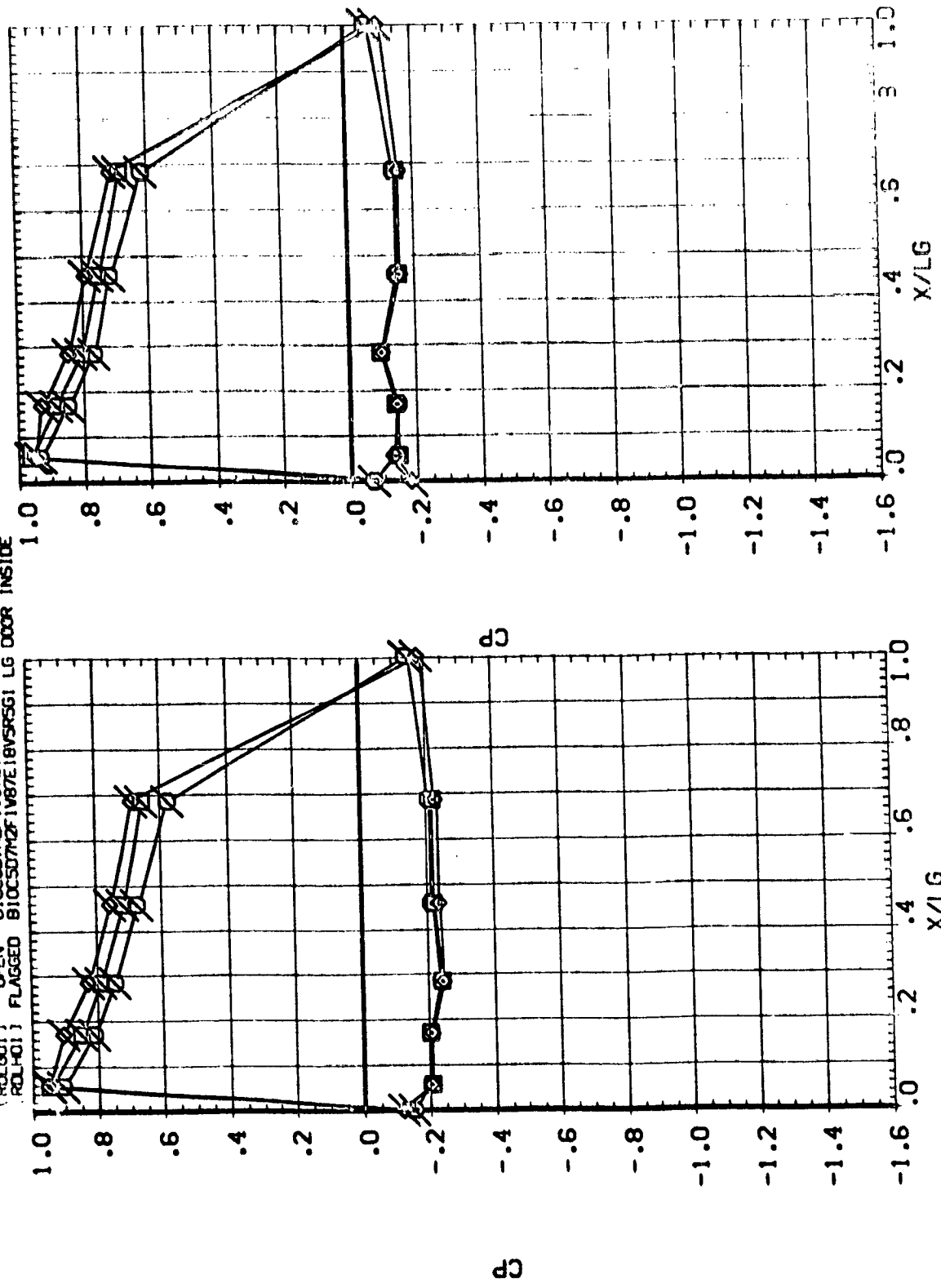
LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR



PARAMETRIC VALUES  
 ELEVTR .000 FLADIER .000  
 RJOFLR 40.000 FLAP -18.000

SYMBOL Z/HG ALPHA BETA  
 .200 14.300 10.030  
 .400 16.300  
 .600

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (ROLG01) OPEN 810C507M2F1V87E18V5R5G1 LG DOOR OUTSIDE  
 (ROLH01) FLAGGED 810C507M2F1V87E18V5R5G1 LG DOOR INSIDE



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR, NEUTRAL RUDDER AND ELEVATOR

PARAMETRIC VALUES

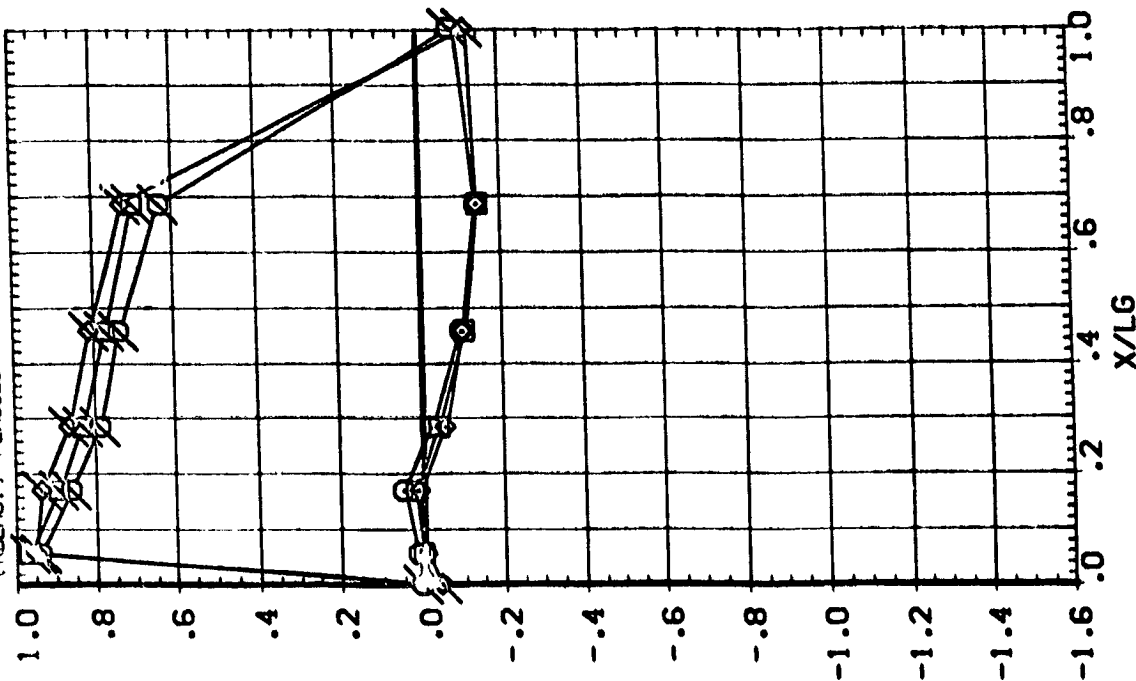
ELEVTR	.000	RUDDER	.000
RJDFLR	40.000	FLAP	-13.000

SYMBOL Z/G ALPHA BETA

○	.200	18.310	10.030
□	.400		
◇	.600		

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(ROLGCI)	OPEN	B10C507H2F1W87E18V5R5G1	LG DOOR OUTSIDE
(ROLHGI)	FLAGGED	B10C507H2F1W87E18V5R5G1	LG DOOR INSIDE



LONGIT. PRESSURE DISTRIBUTION ON THE LEFT GEAR DOOR. NEUTRAL RUDDER AND ELEVATOR

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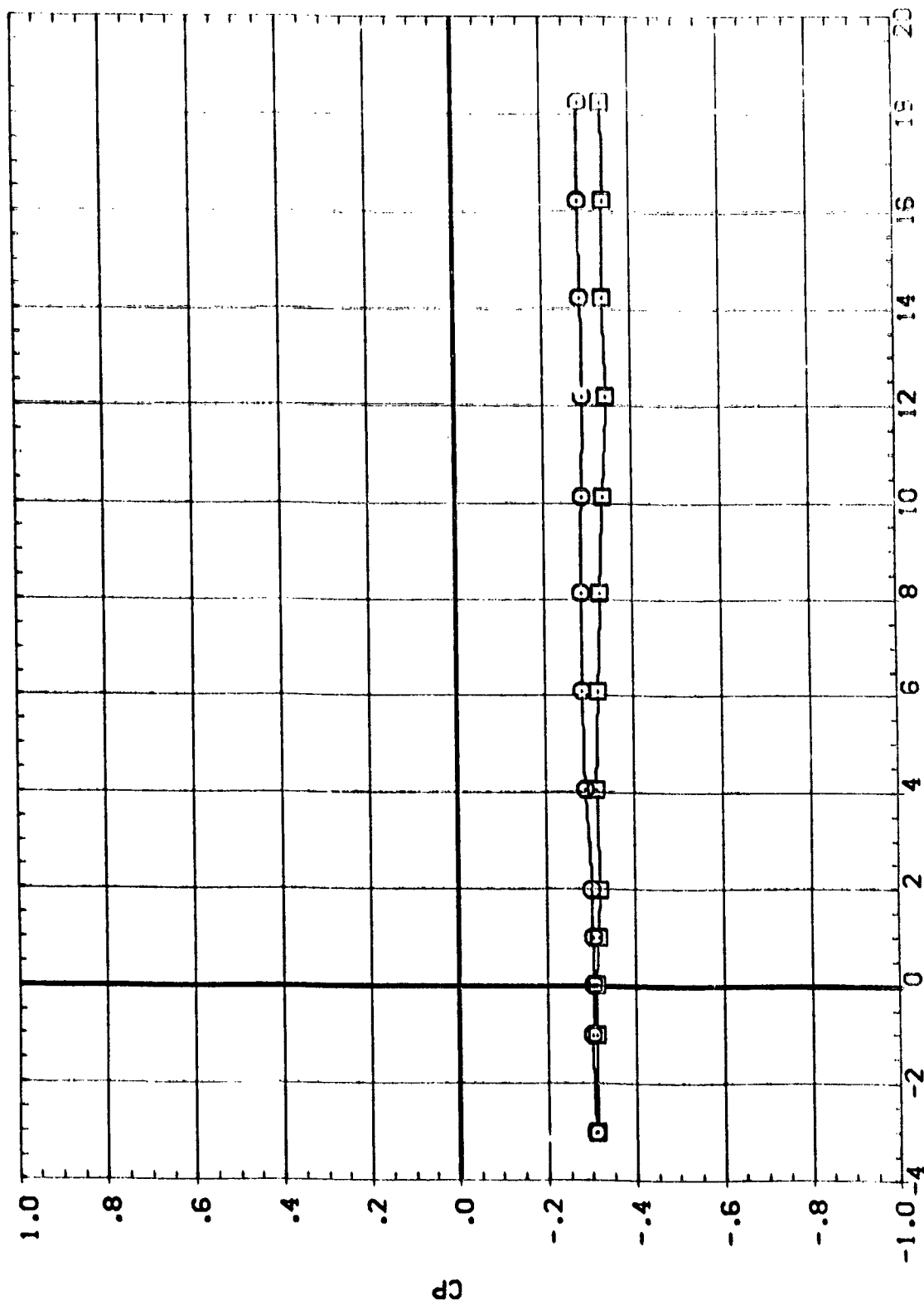


810C507M2F1W87E18V5R5G1 QMS P00 OUTSIDE

(RDLMD1)

SYMBOL PHI X/L BETA  
 110.000 1.001 -10.050  
 120.000

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



ANGLE OF ATTACK, ALPHA, DEGREES

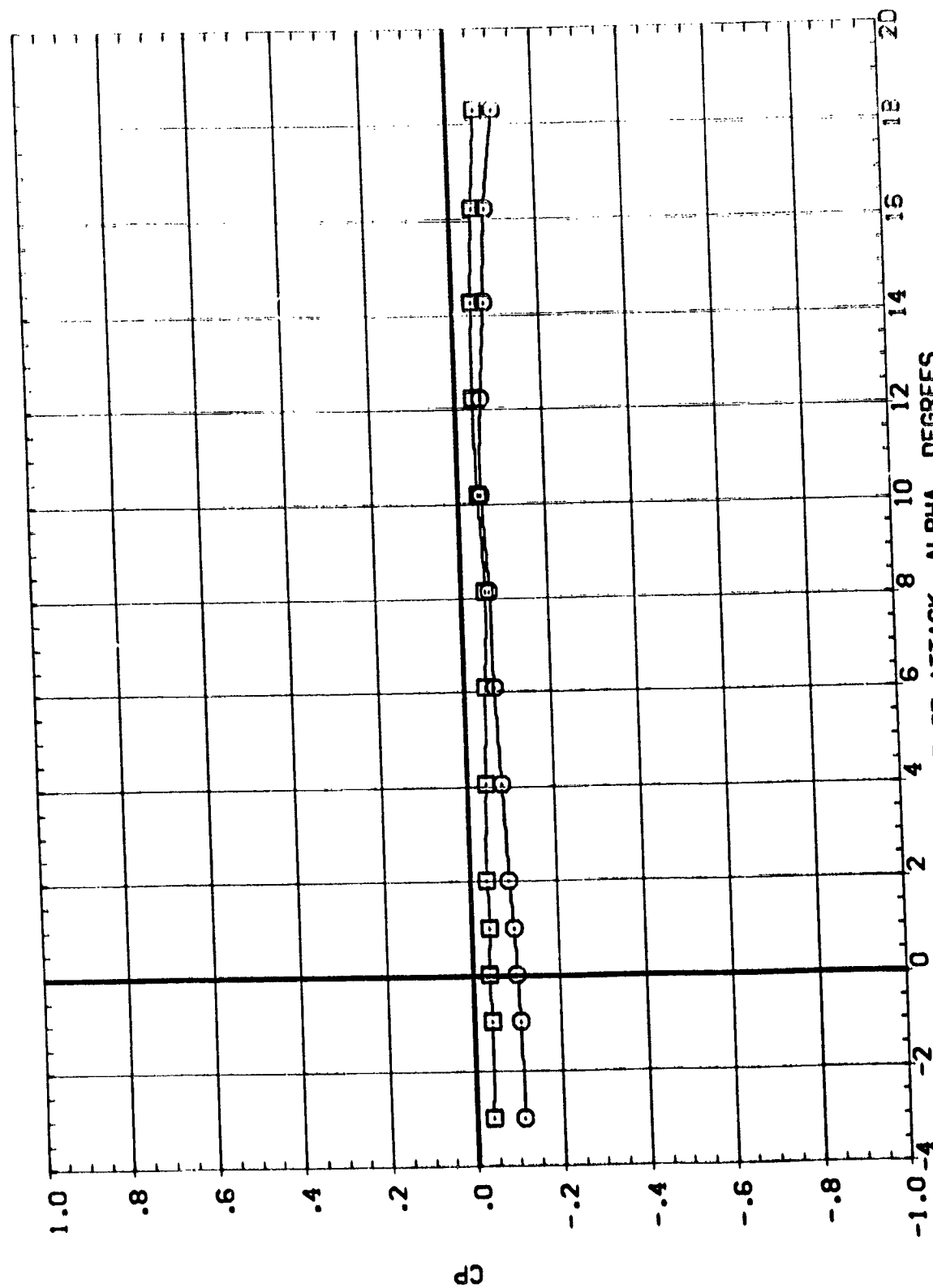
LEFT QMS P00 PRESSURES, NEUTRAL RUDDER AND ELEVATOR

B10C5D7M2F1W87E18V5R5G1 QMS P00 OUTSIDE

(RELMO1)

SYMBOL PHI X/L BETA  
 110.000 1.001 -5.030  
 120.000

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUDDLR 40.000 FLAP -18.000



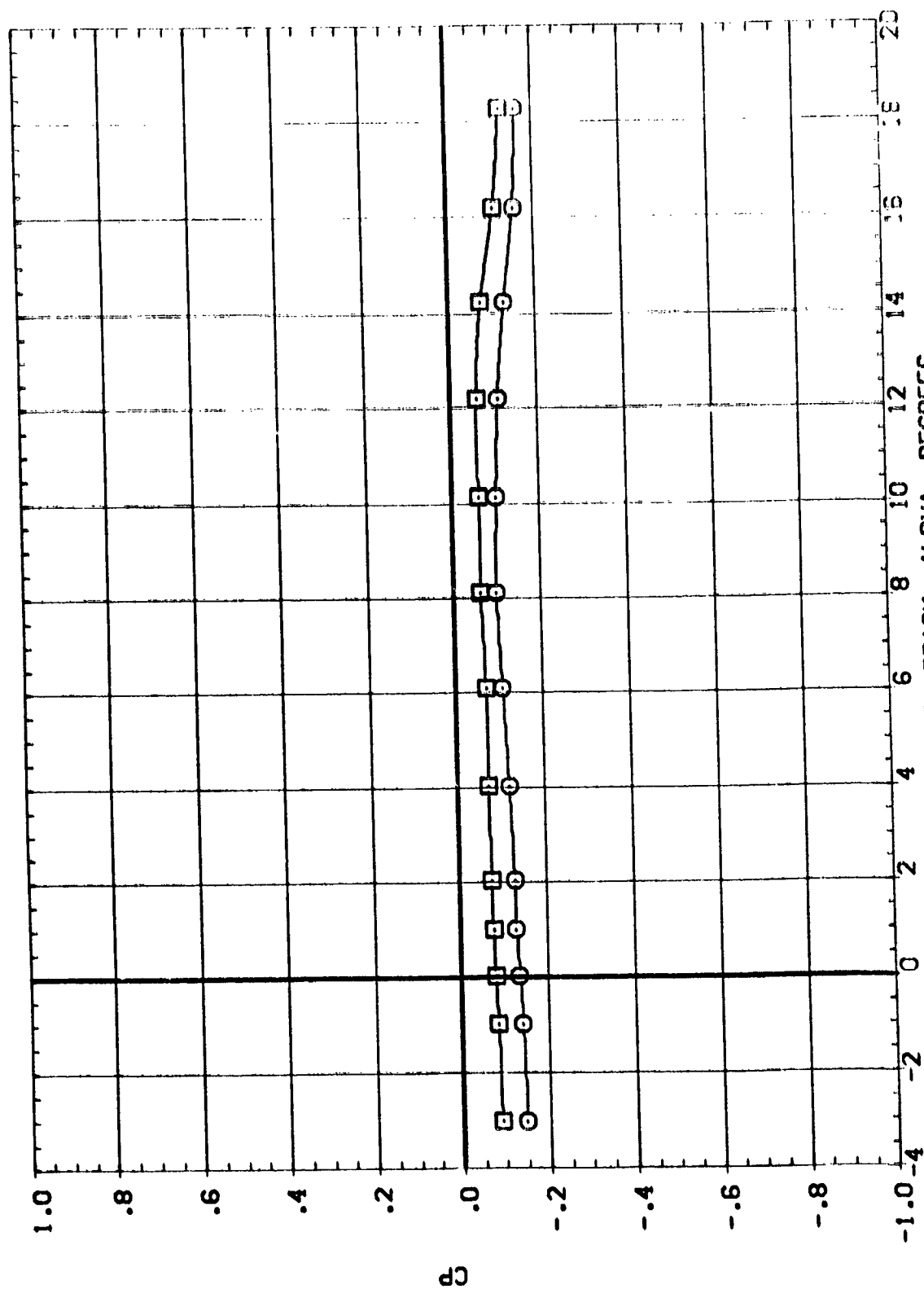
LEFT QMS P00 PRESSURES, NEUTRAL RUDDER AND ELEVATOR



B10C507M2F1W87E18V5R5G1 QMS POD OUTSIDE

(RDLMD1)

SYMBOL	PHI	X/L	BETA	ELEVTR	PARAMETRIC VALUES
○	110.000	1.001	.000	RUDDER	.000
□	120.000			FLAP	-18.000



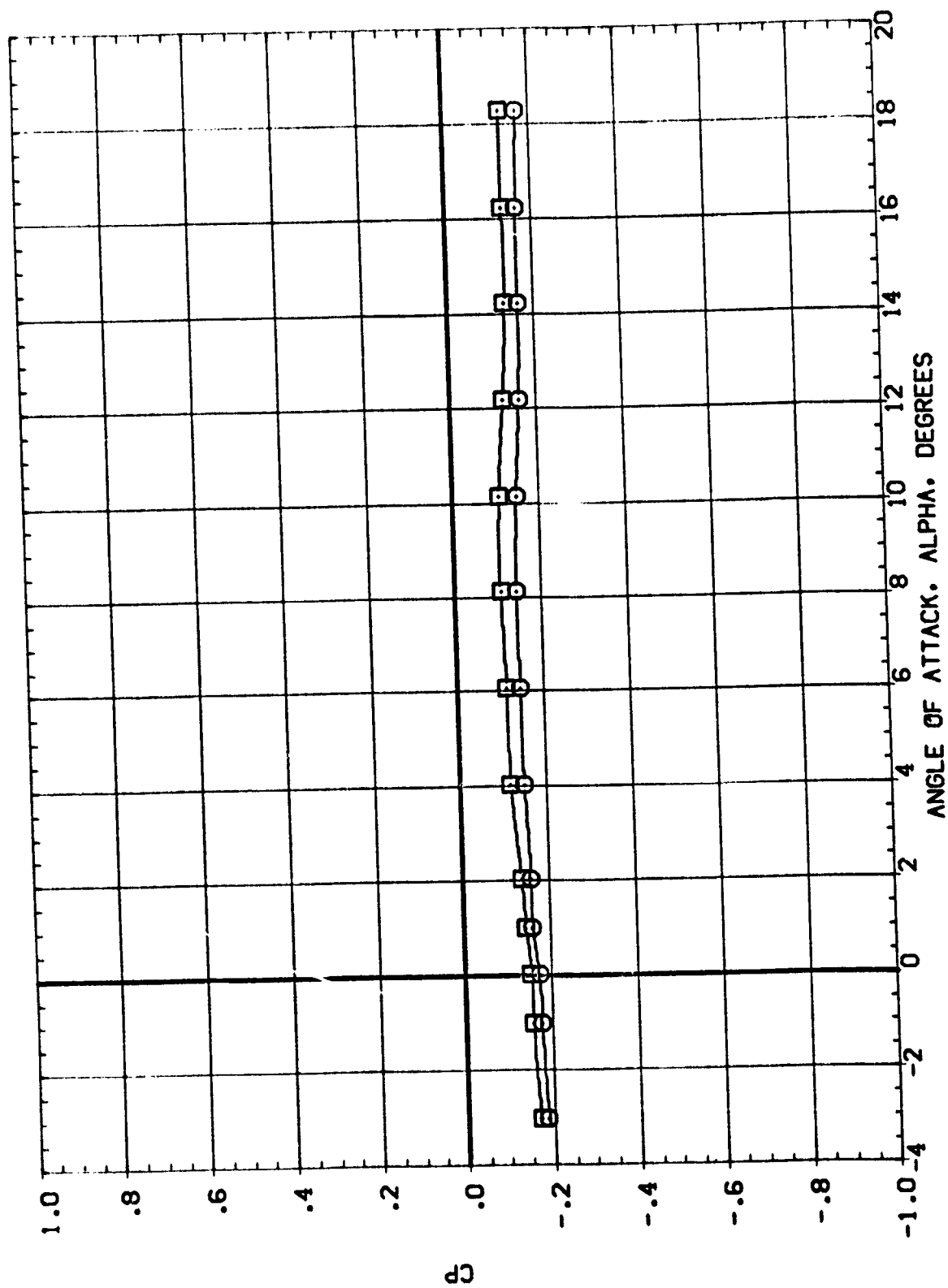
LEFT QMS POD PRESSURES, NEUTRAL RUDDER AND ELEVATOR

(RDLMO1)

B10C5D7M2F1W87E18V5R5G1 QMS POD OUTSIDE

SYMBOL    PHI    X/1    BETA  
○    110.000    1.001    5.000  
□    120.000

PARAMETRIC VALUES  
ELEVTR    .000    RUDDER    .000  
RUOFLR    40.000    FLAP    -18.000



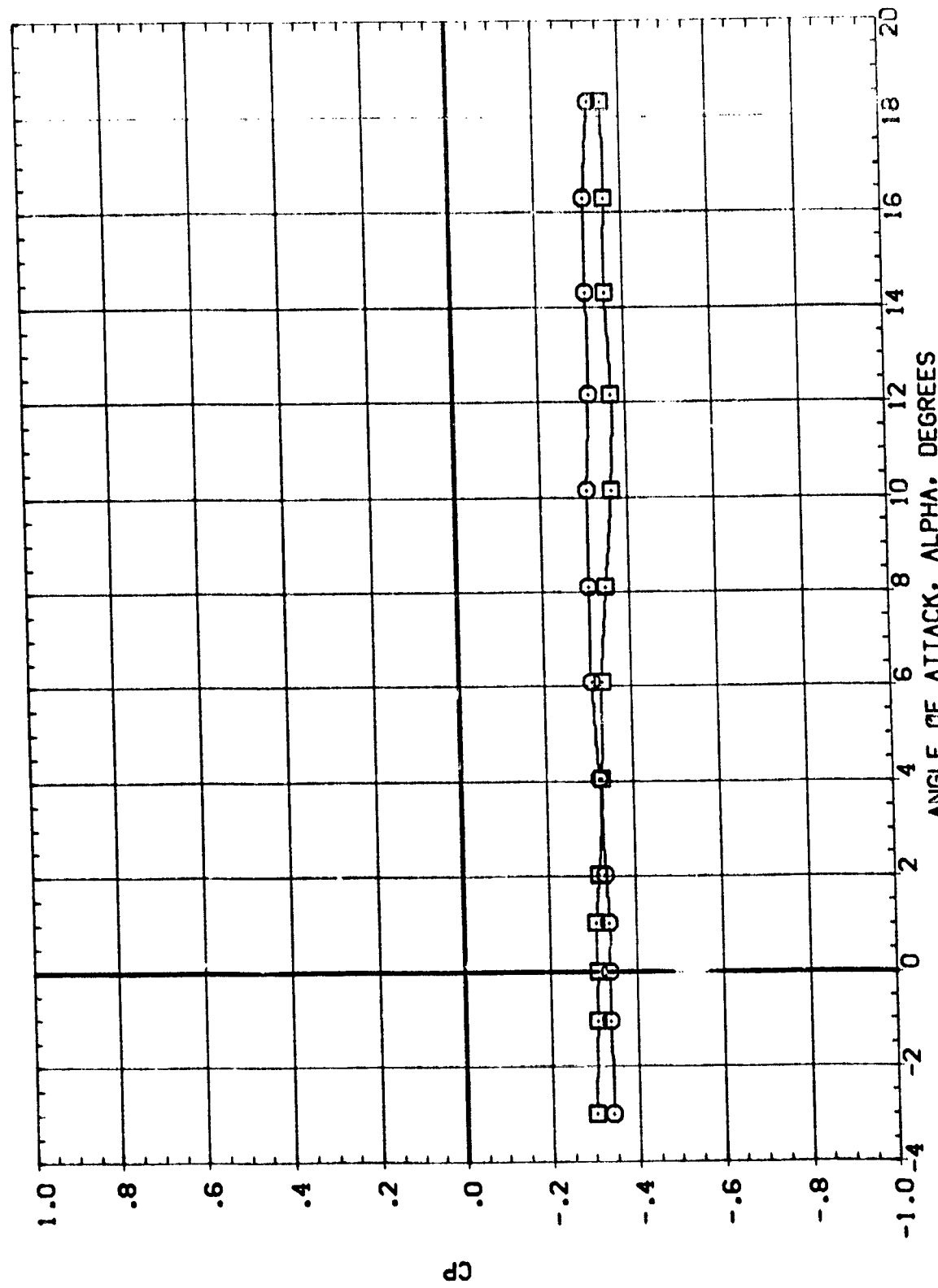
LEFT QMS POD PRESSURES, NEUTRAL RUDDER AND ELEVATOR



B10C5D7M2F1W87E18V5R5G1 QMS POD OUTSIDE

(RDLMO1J)

SYMBOL	PHI	X/L	BETA	PARAMETRIC VALUES		
	110.000	1.001	10.030	ELEVTR	.000	RUDDER
	120.000			RUDFLR	40.000	FLAP
						-18.000



LEFT QMS POD PRESSURES, NEUTRAL RUDDER AND ELEVATOR

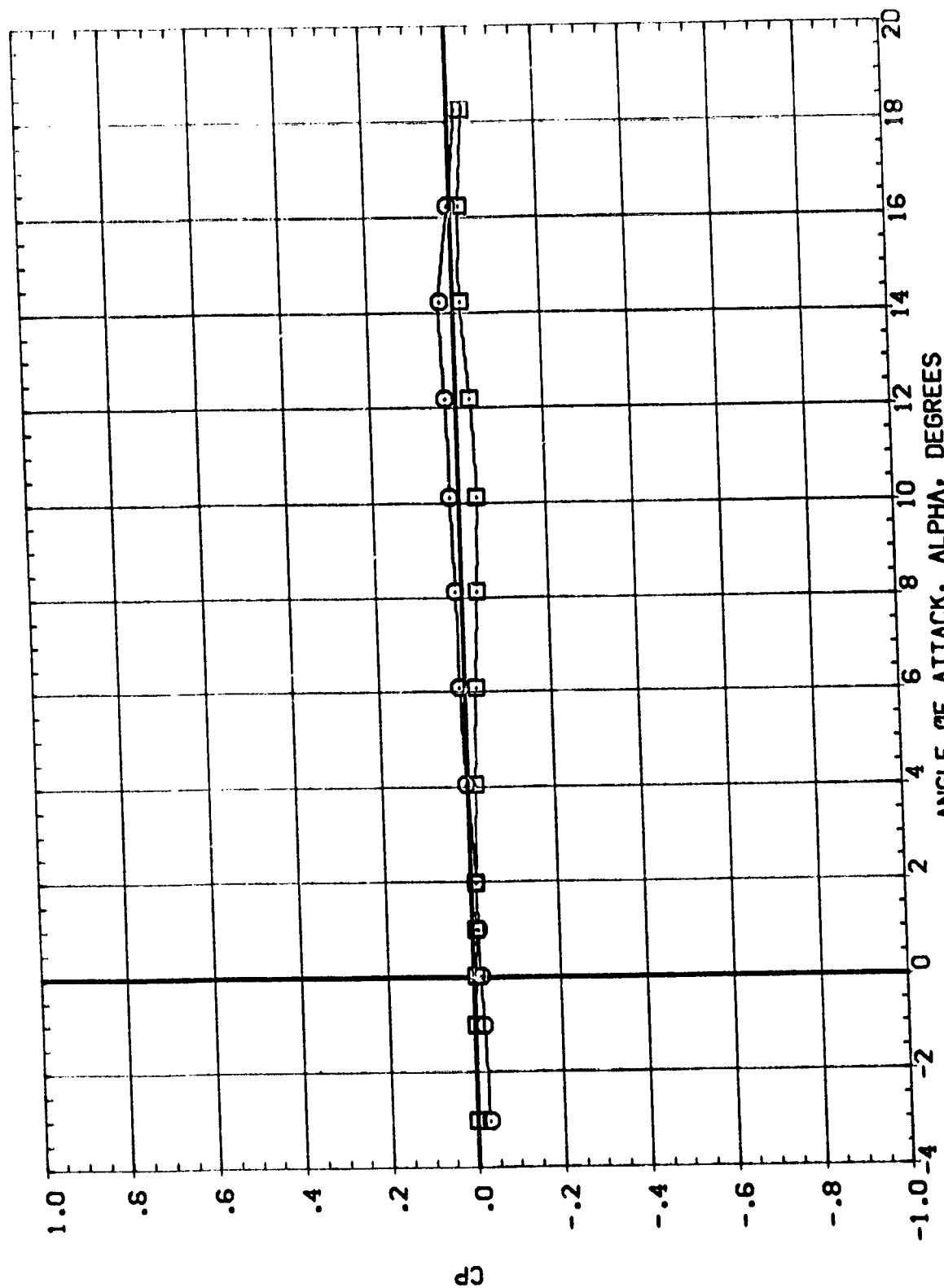


(ROLN01)

310C507M2F1W87E18V5R5G1 QMS P00 INSIDE

SYMBOL PHI X/L BETA  
○ 110.000 1.001 -10.050  
□ 120.000

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUOFLR 40.000 FLAP -18.000



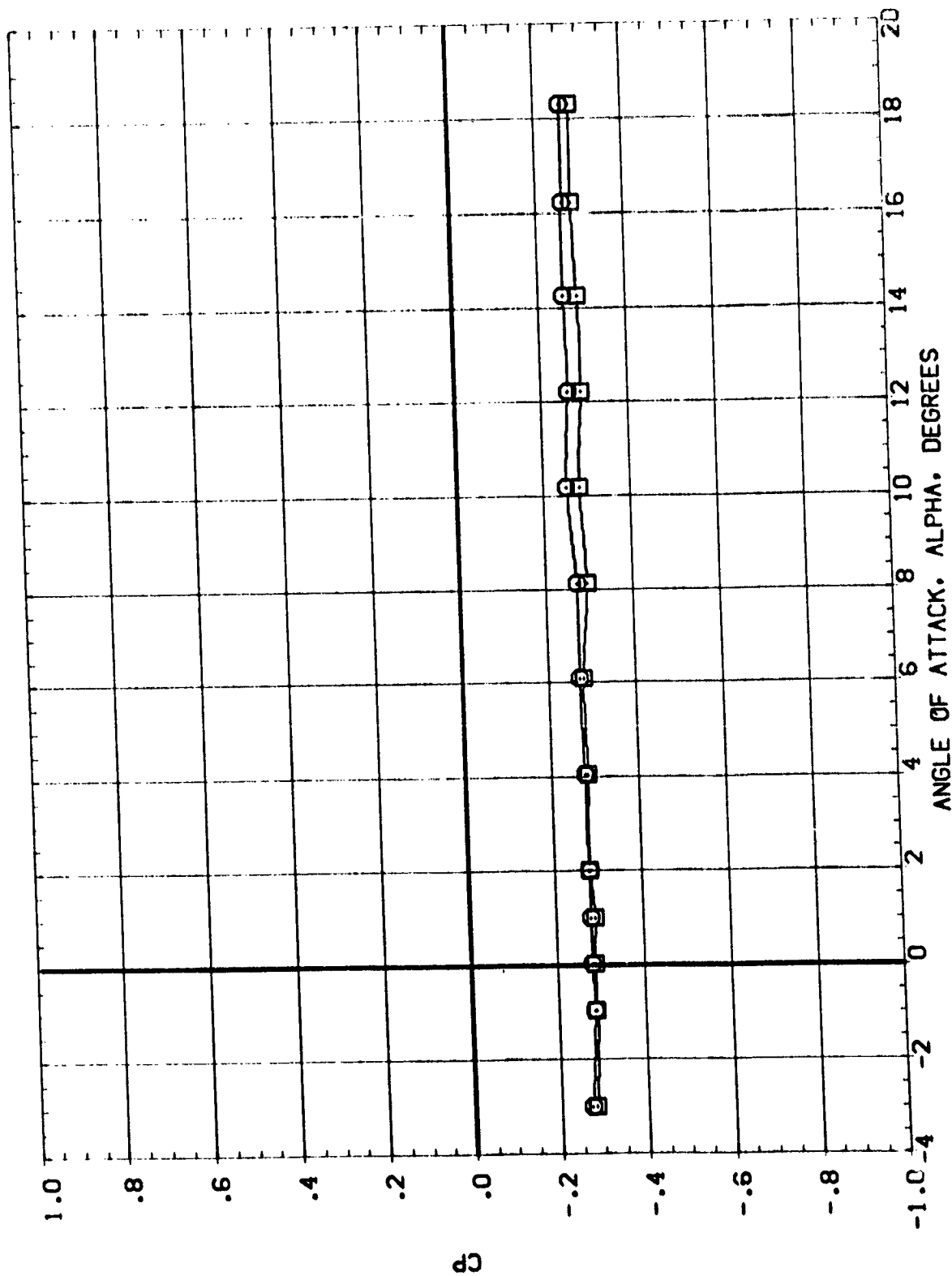
LEFT QMS P00 PRESSURES, NEUTRAL RUDDER AND ELEVATOR



B10C5D7M2F1W87E18V5R5G1 QMS POD INSIDE

(RDLN01)

SYMBOL		PHI	X/L	BETA	PARAMETRIC VALUES			
○		110.000	1.001	-5.030	ELEVTR	.CCQ	RUDER	.000
□		120.000			RJOFTR	40.000	FLAP	-18.000



LEFT QMS POD PRESSURES, NEUTRAL RUDDER AND ELEVATOR

(RDLNC1)

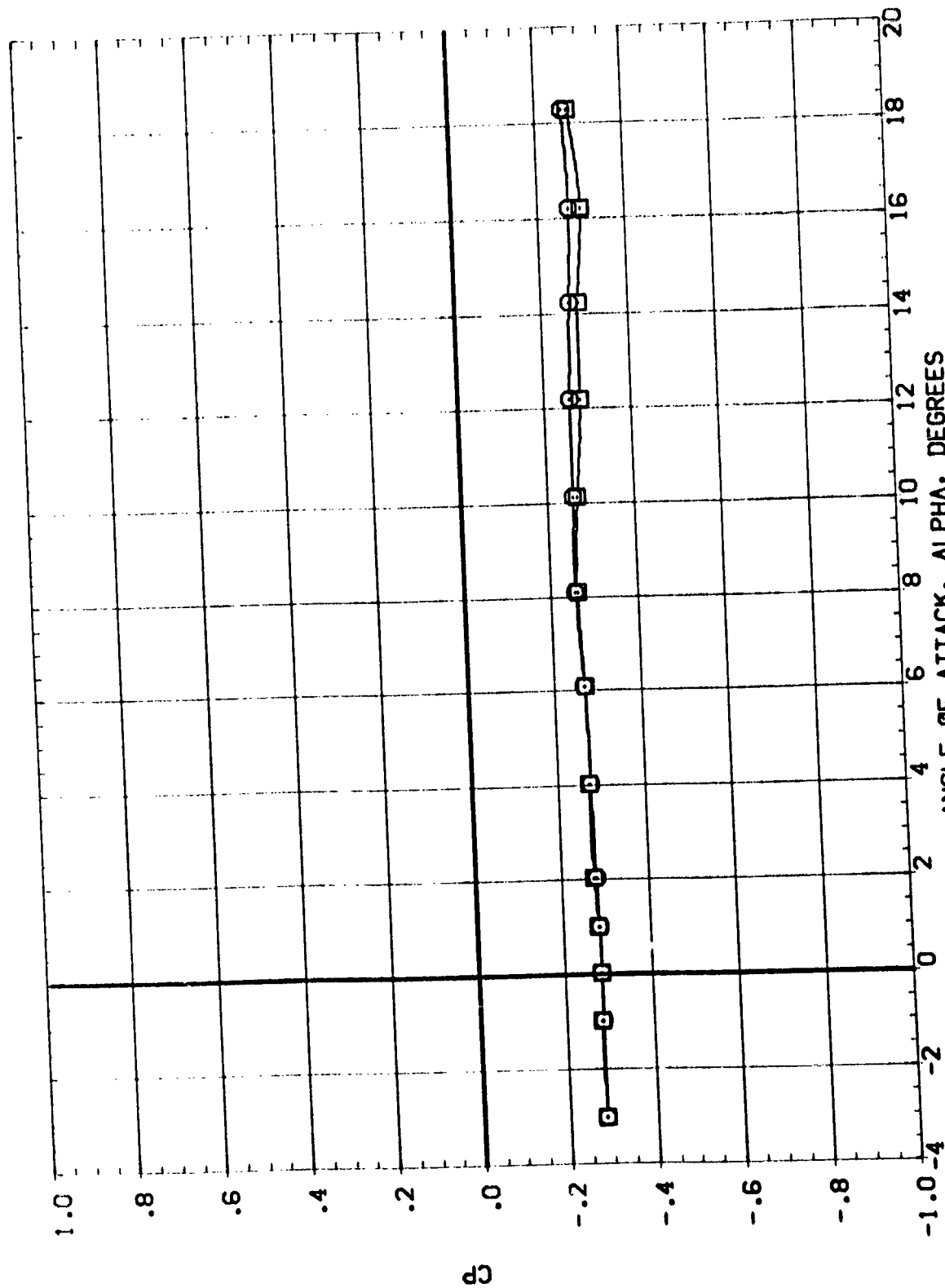
B:00507M2F1W87E18V5R531 CMS POD INSIDE

SYMBOL PH1  
110.000  
120.000

X/Y  
1.001  
1.000

EXTA  
1.000

PARAMETRIC VALUES  
ELEVTR .000  
RUDDER .000  
FLAP 40.000  
-18.000



LEFT CMS POD PRESSURES, NEUTRAL RUDDER AND ELEVATOR

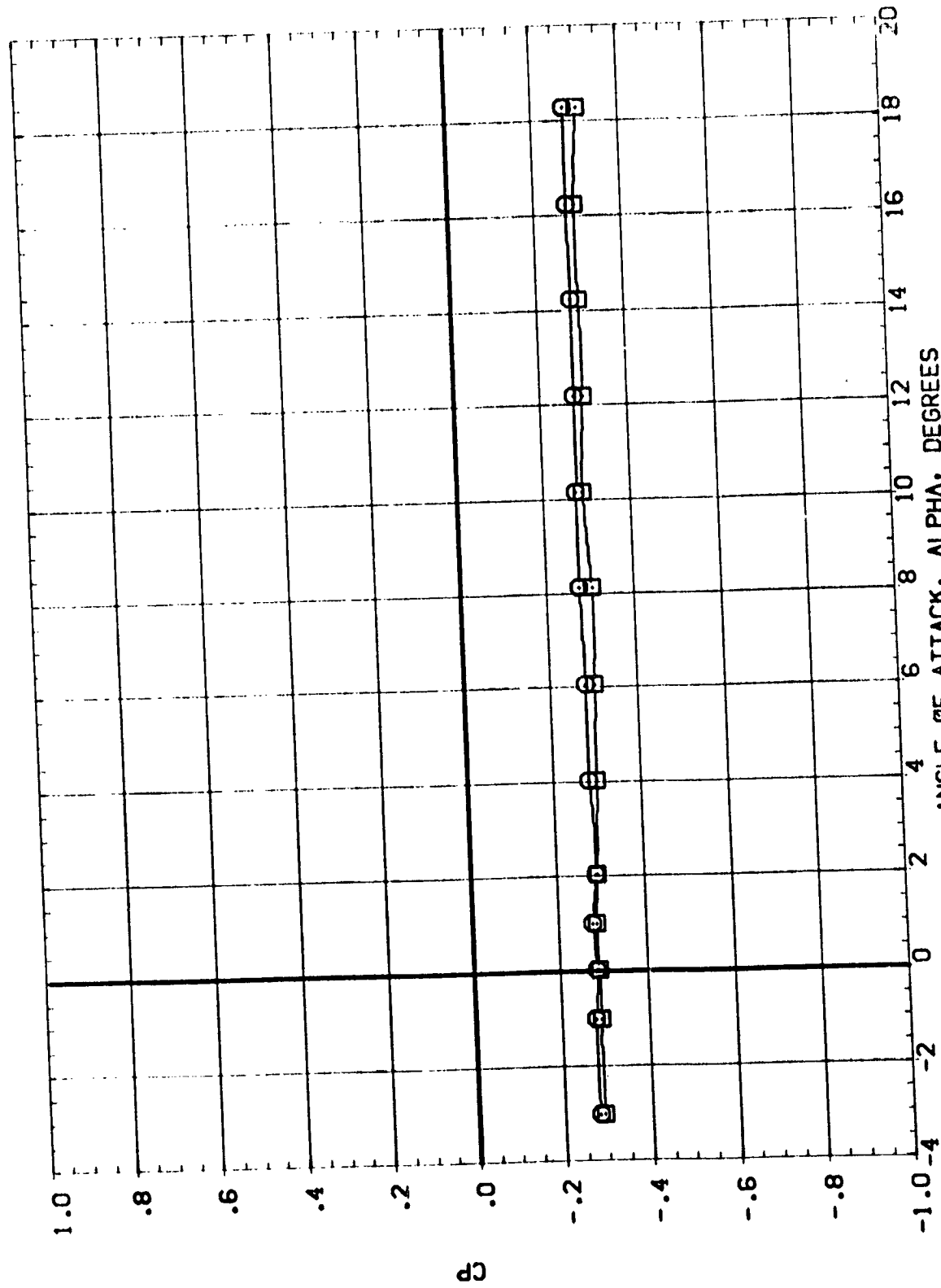


(RDLN01)

B:CC5D7M2F1W87E18V5R5G1 0MS PCD INSIDE

SYMBOL P41 X/L BETA  
1:0.000 1.001 5.000  
2:20.000

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RJDPLR 40.000 FLAP -18.000



LEFT 0MS PCD PRESSURES, NEUTRAL RUDDER AND ELEVATOR

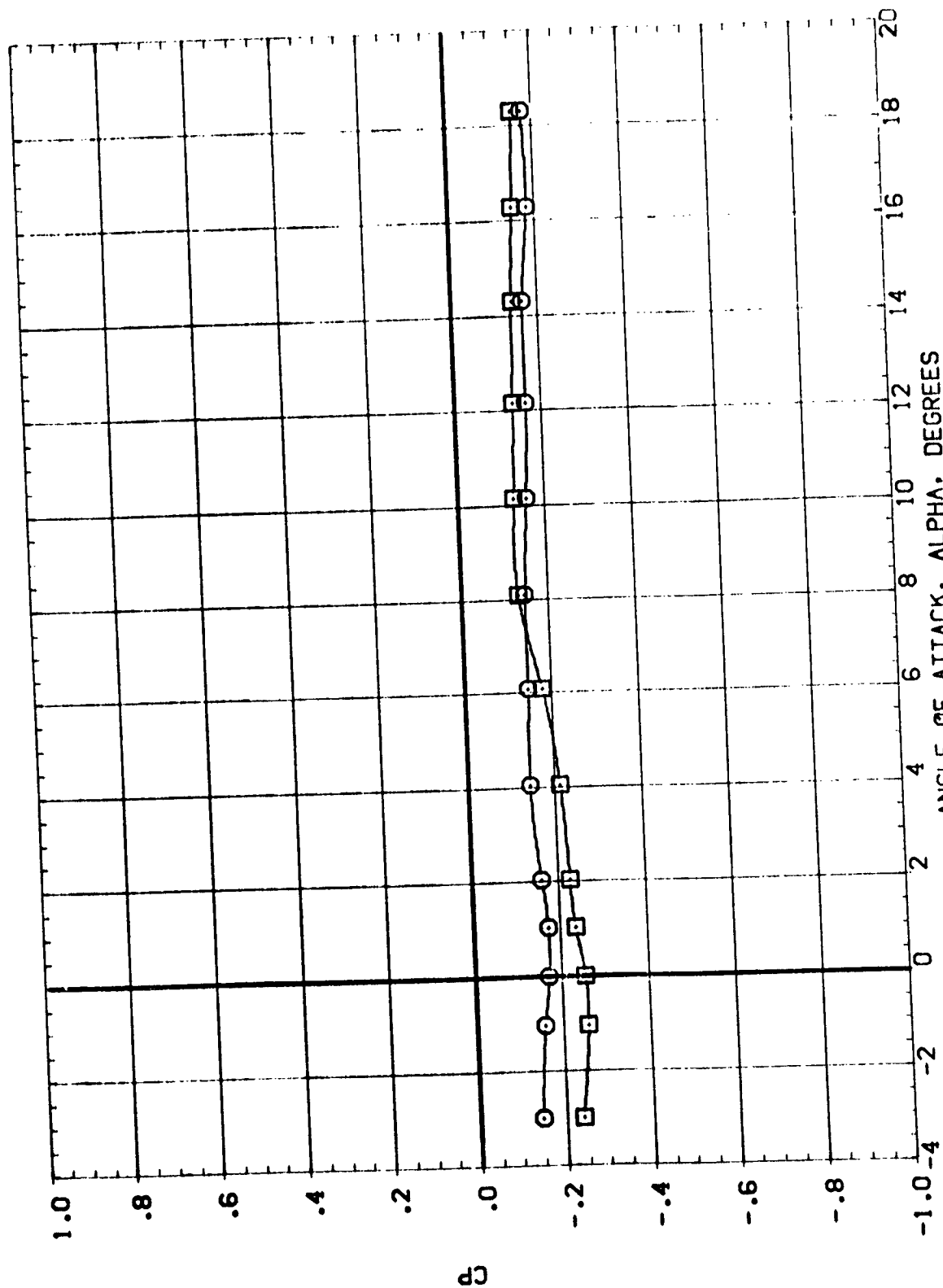


B10C5D7M2F1W87E18V5R5G1 QMS POD INSIDE

(RDLN01)

SYMBOL PHI XL BETA  
 110.000 1.001 10.030  
 120.000

PARAMETRIC VALUES  
 ELEVTR .000 RUDDER .000  
 RUOFLR 40.000 FLAP -18.000



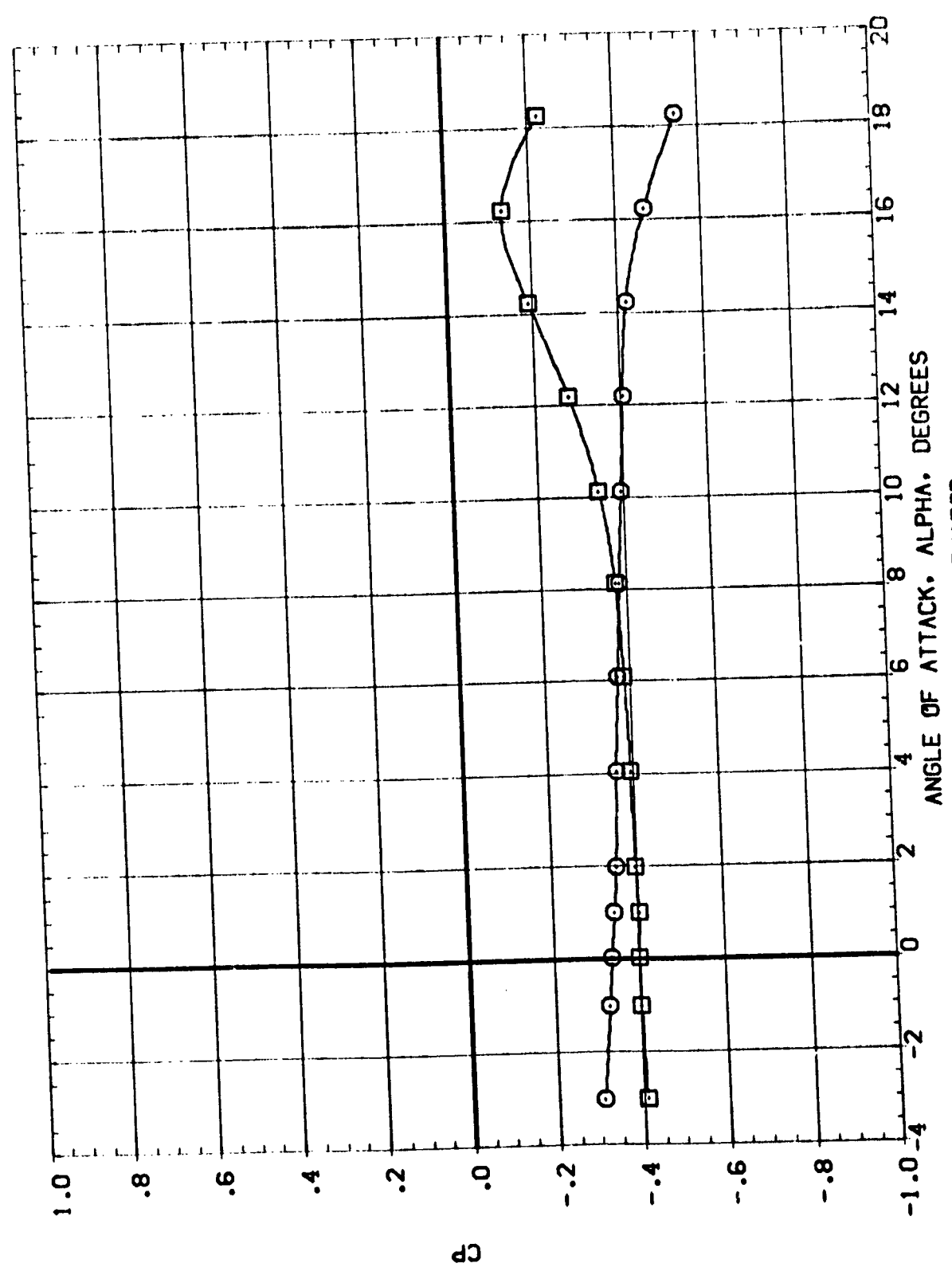
LEFT QMS POD PRESSURES, NEUTRAL RUDDER AND ELEVATOR

(RDLF01)

B10C5D7M2F1W87E18V5R5G1 BODY FLAP

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RJOFLR 40.000 FLAP -18.000

SYMBOL PHI X/L BETA  
( ) .000 1.039 -10.050  
[ ] 40.000



BODY FLAP PRESSURES, NEUTRAL RUDDER AND ELEVATOR

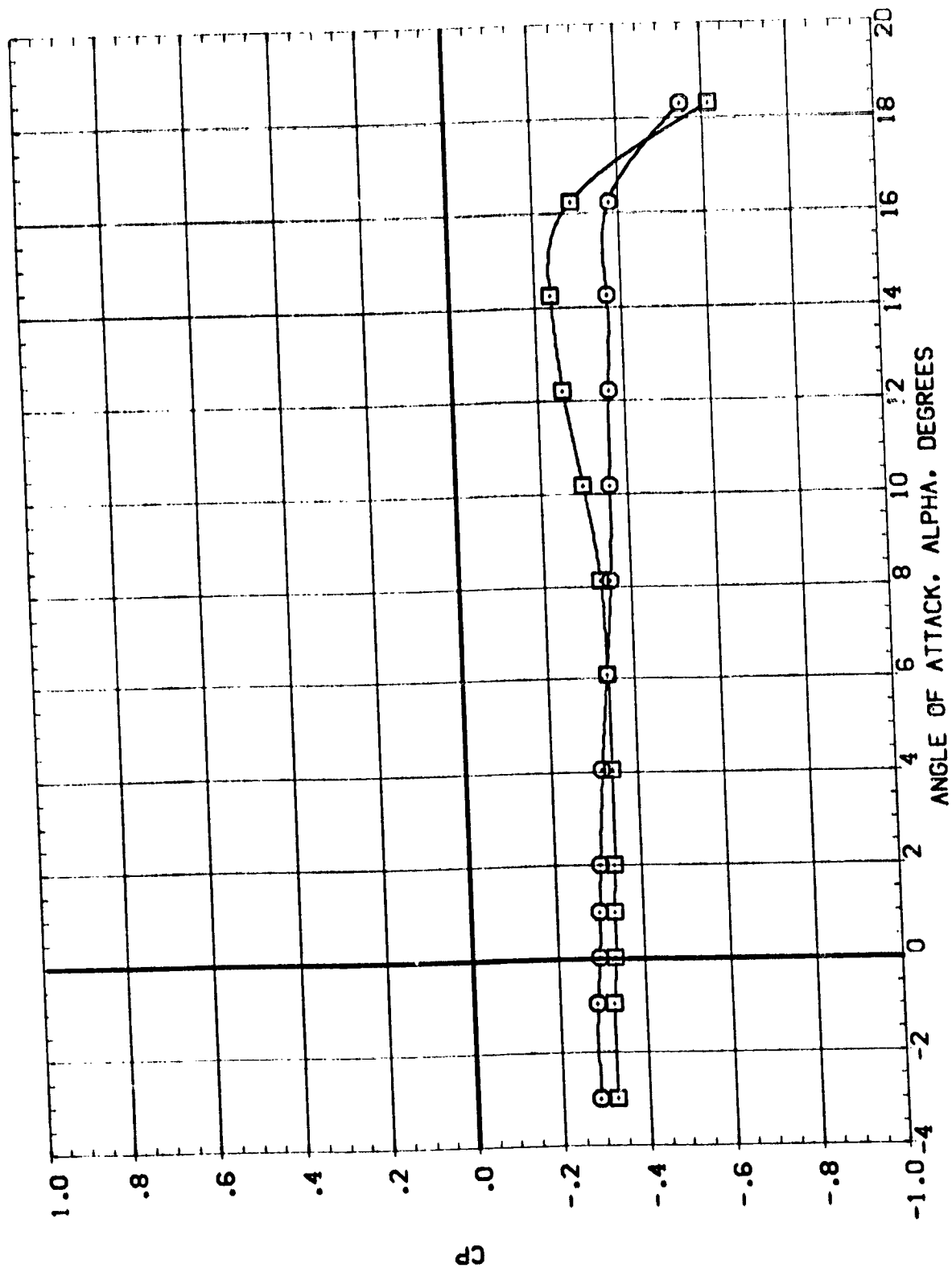


B10C5D7M2F:W87E18V5R5G1 BODY FLAP

(RDLF01)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000

SYMBOL PHI X/L BETA  
○ .000 1.039 -5.030  
□ 40.000

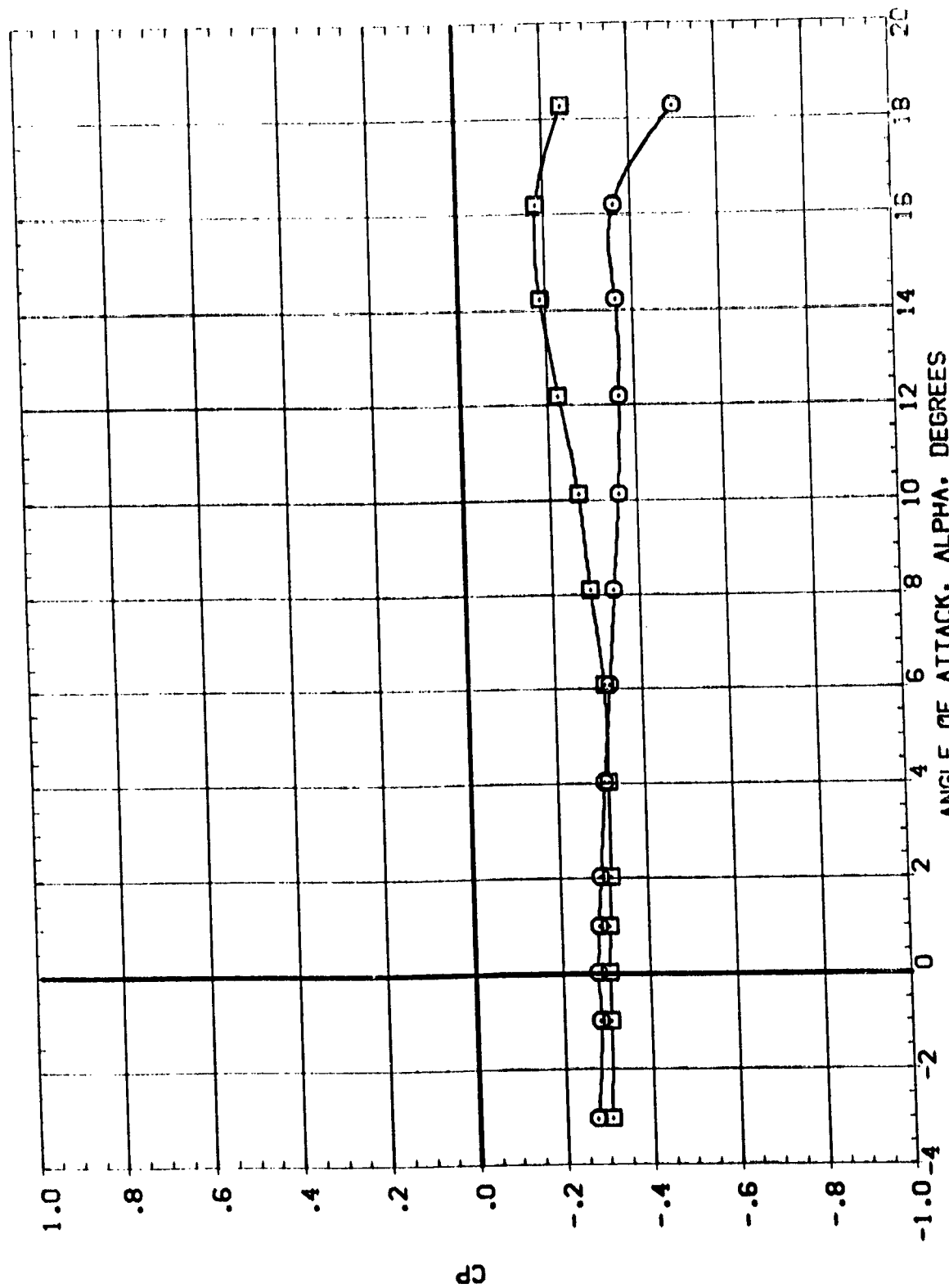


BODY FLAP PRESSURES, NEUTRAL RUDDER AND ELEVATOR

810CS07M2F1W87E18V5R5G1 BODY FLAP

ELEVTR	.000	RIDER	.000
RJOFLR	40.000	FLAP	-18.000
PARAMETRIC VALUES			

SYMBOL	PH	X/L	BETA
01	.000	1.039	.000
02	40.000		



## BODY FLAP PRESSURES, NEUTRAL RUDDER AND ELEVATOR

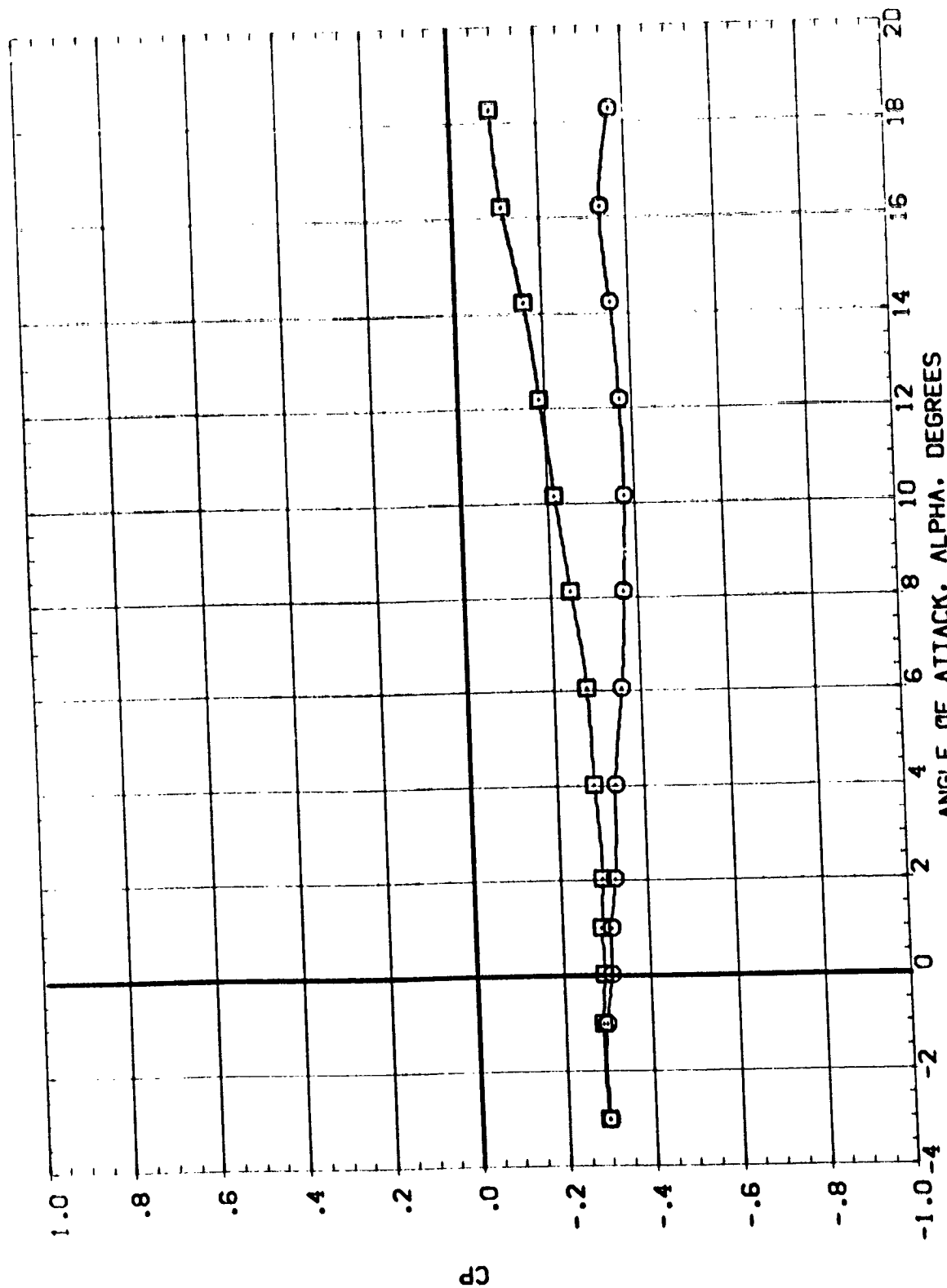




8100507M2F1W27E18VSR53: BODY FLAP

(P0\_F01)

SYNTH	PHI	X/L	NOTA	PARAMETRIC VALUES
1.000	1.033	5.000	ELEVTR	.000
40.000			RUDDER	.000
			RUDDER	-18.000



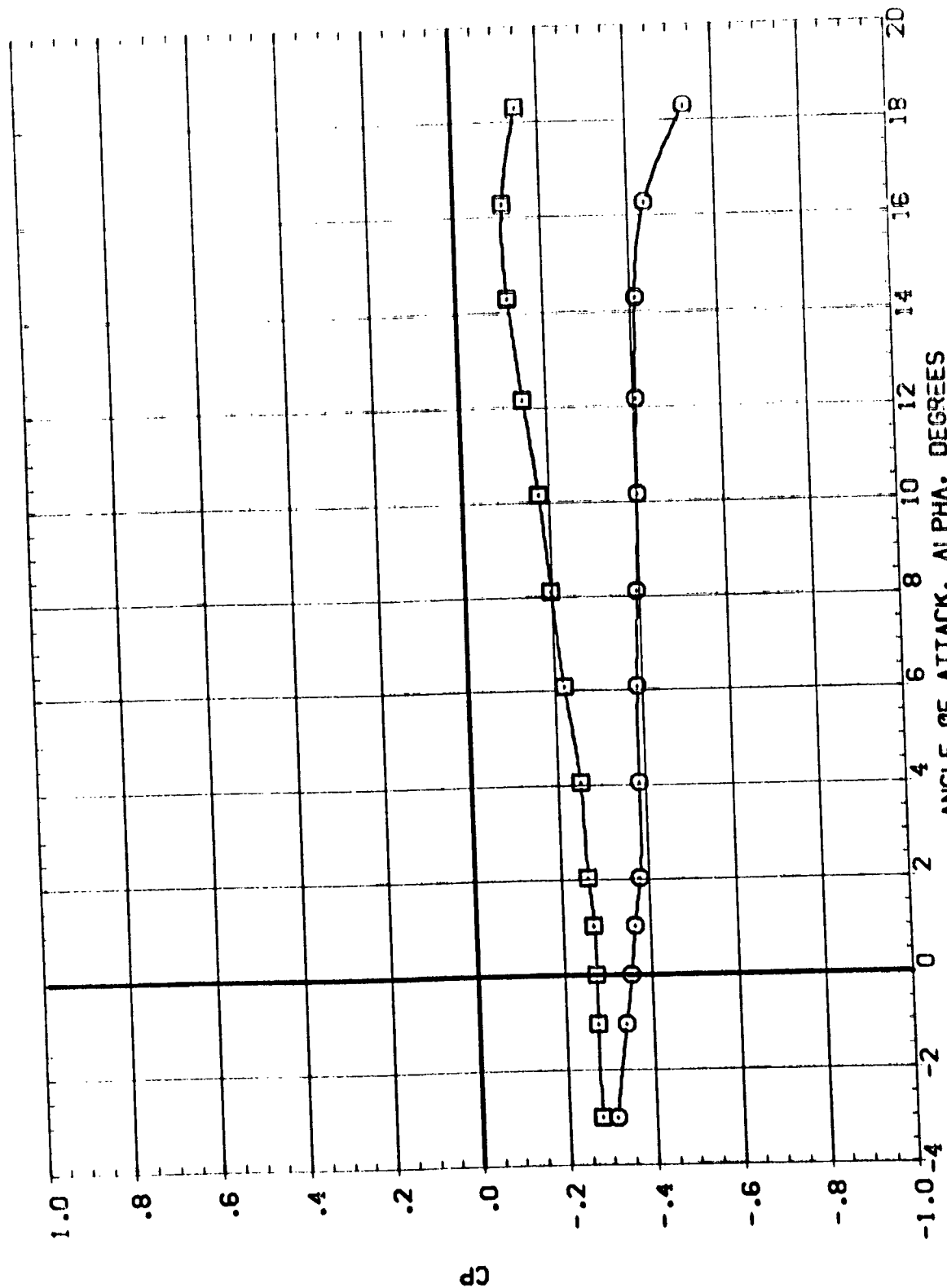
BODY FLAP PRESSURES, NEUTRAL RUDDER AND ELEVATOR

(RDLF01)

B:0C507M2F1W87E18V5R5G: BODY FLAP

SYMBOL PH: .000 40.000  
X/L 1.039  
BETA 10.030

PARAMETRIC VALUES  
ELEVTR .000 RUDER .000  
RUDFLR 40.000 FLAP -18.000



BODY FLAP PRESSURES, NEUTRAL RUDDER AND ELEVATOR

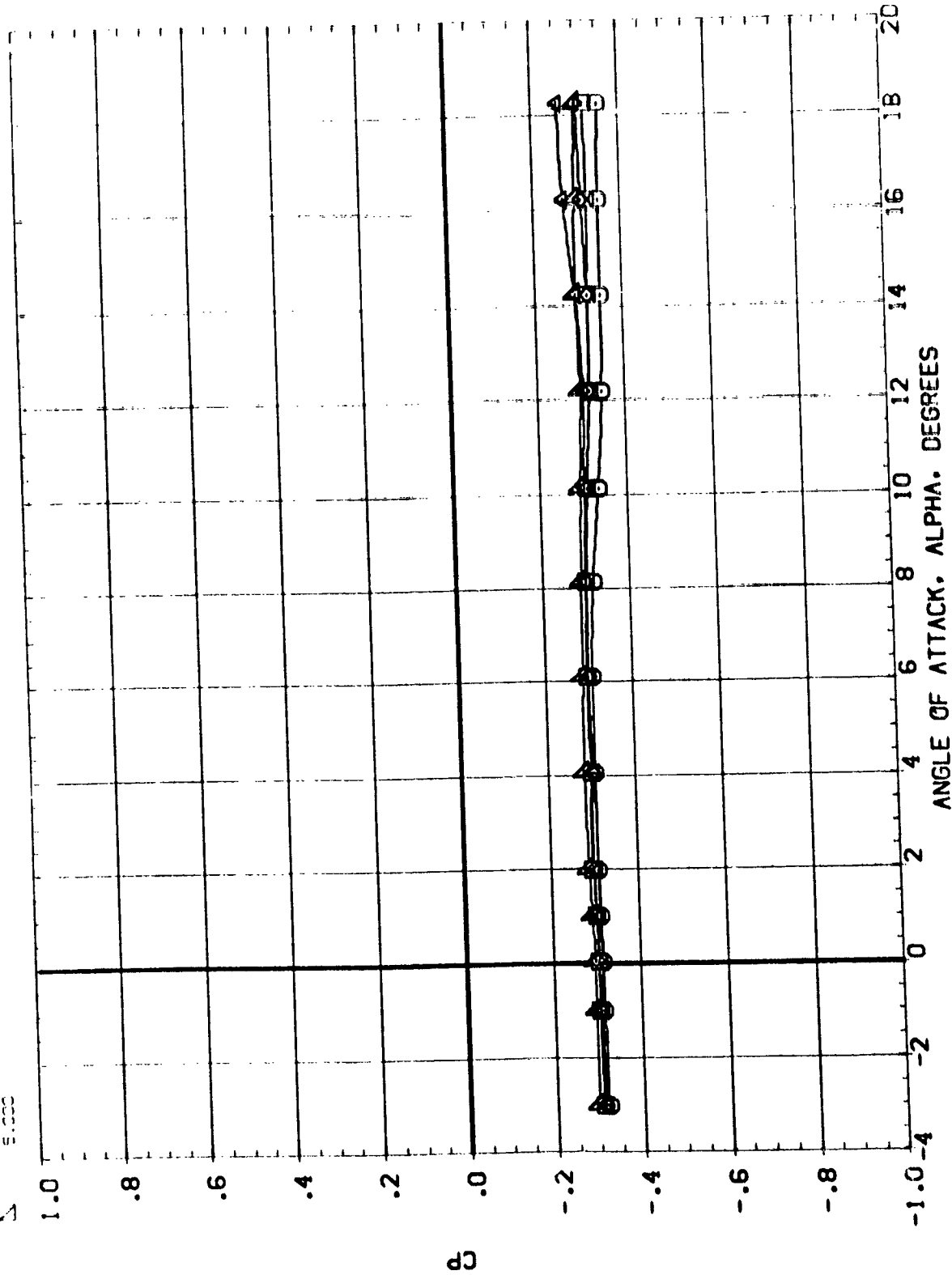


3:00507N2F:W87E18V5R5G1 FUSELAGE BASE

020100010

SINGL TAP NO. A BETA  
1.000 1.000 -10.000  
2.000  
3.000  
4.000  
5.000

PARAMETRIC VALUES  
ELEVTR 1.000 2.000 3.000  
RUDFLP 40.000 50.000 -10.000



FUSELAGE BASE PRESSURES

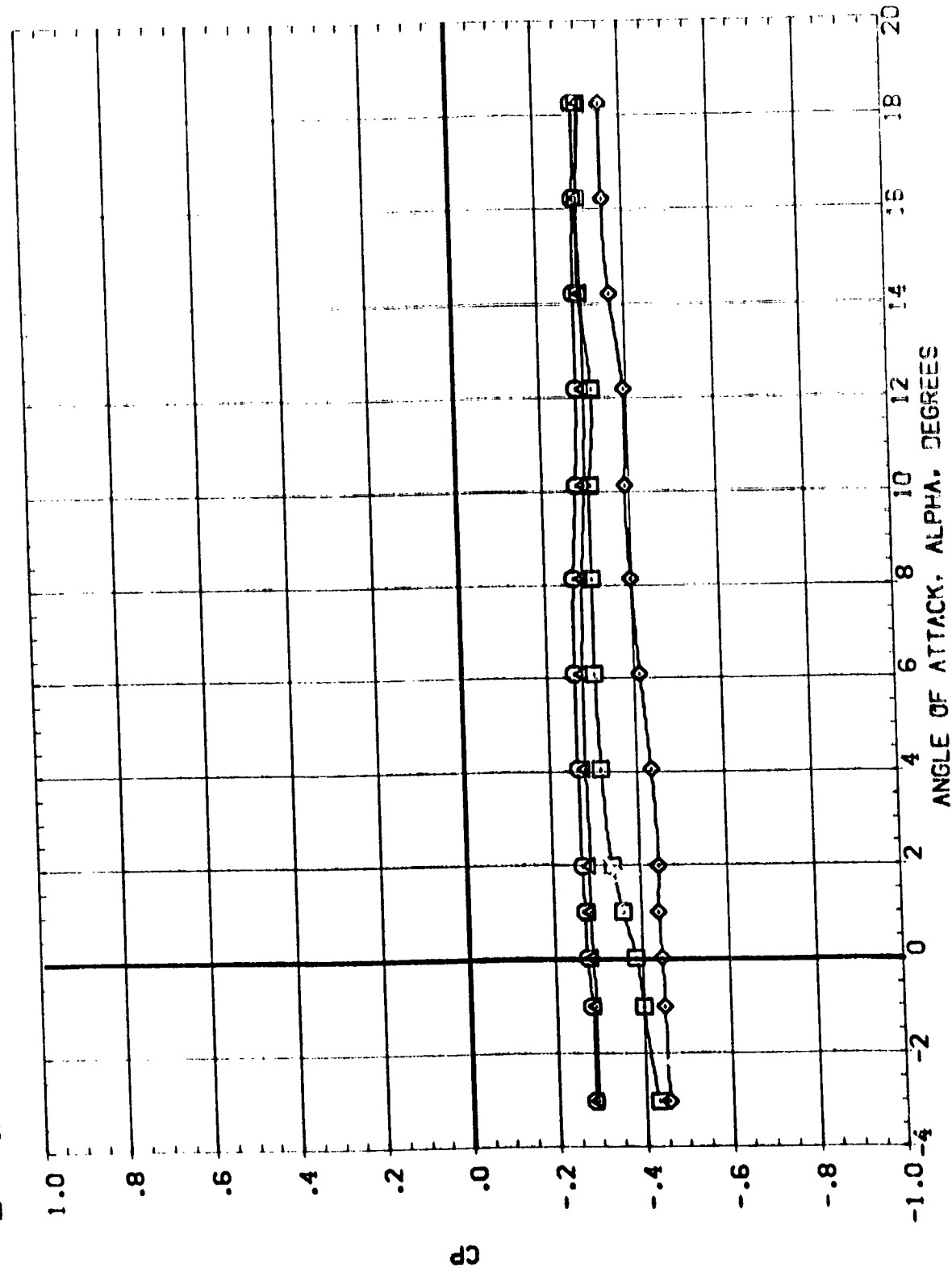


310C5D7M2F1W87E18V5R5G1 FUSELAGE BASE

(R0L0C01D)

PARAMETRIC VALUES  
ELEVTR .000 RUDER .000  
RUDLR 40.000 FLAP -19.000

SYMBOL TAP NO A BETA  
□ 6.000 .000 -10.050  
◇ 7.000  
◇ 8.000  
△ 9.000



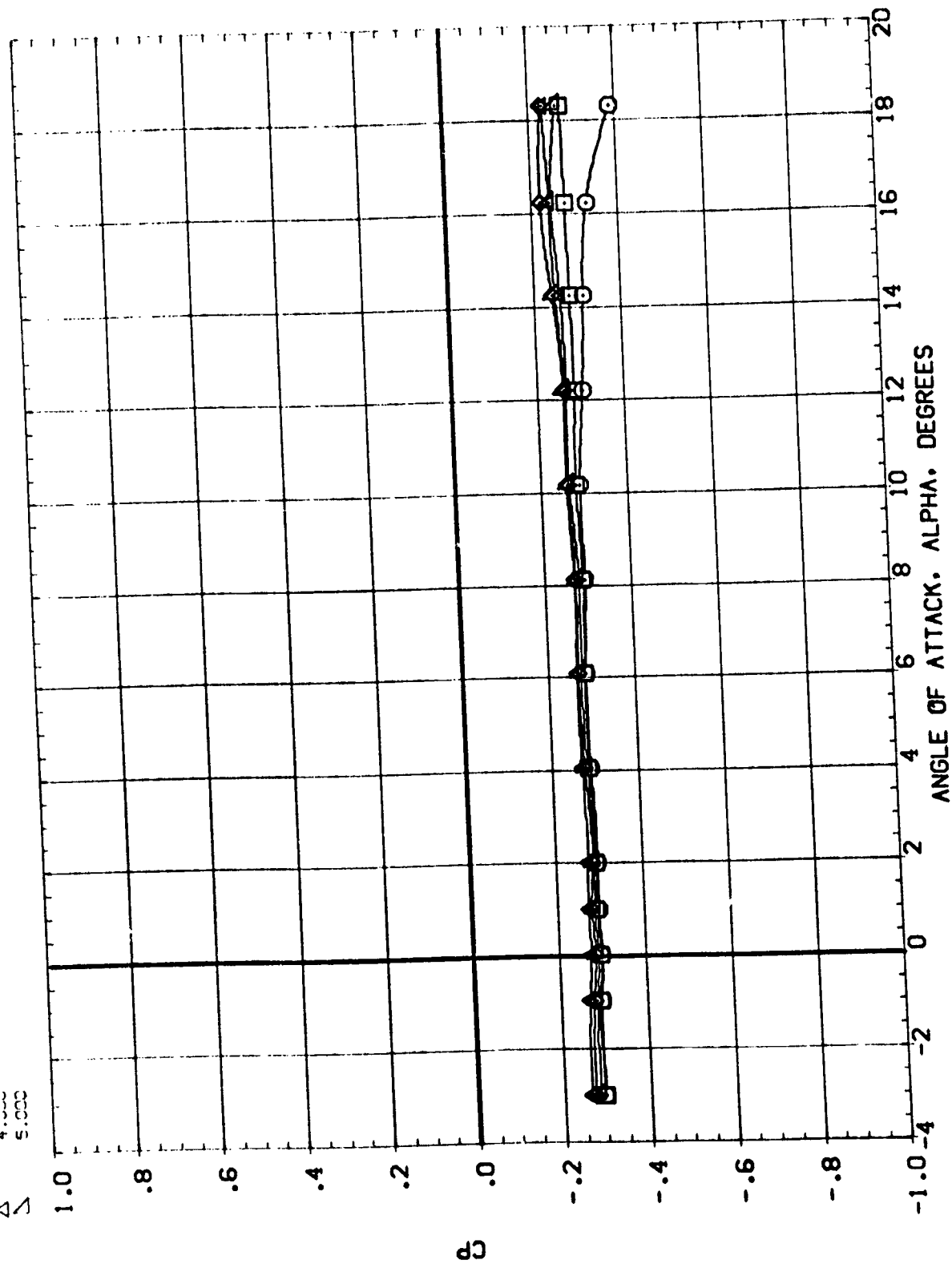
FUSELAGE BASE PRESSURES

B10C5D7M2F1W87E18V5R5G1 FUSELAGE BASE

(RDLCO1)

SYMBOL TAP NO A BETA  
 — 1.000 .000 -5.030  
 □ 2.000  
 △ 3.000  
 ◇ 4.000  
 ∇ 5.000

PARAMETRIC VALUES  
 ELEVTR .000 RUDER .000  
 RUDFLR 40.000 FLAP -18.000



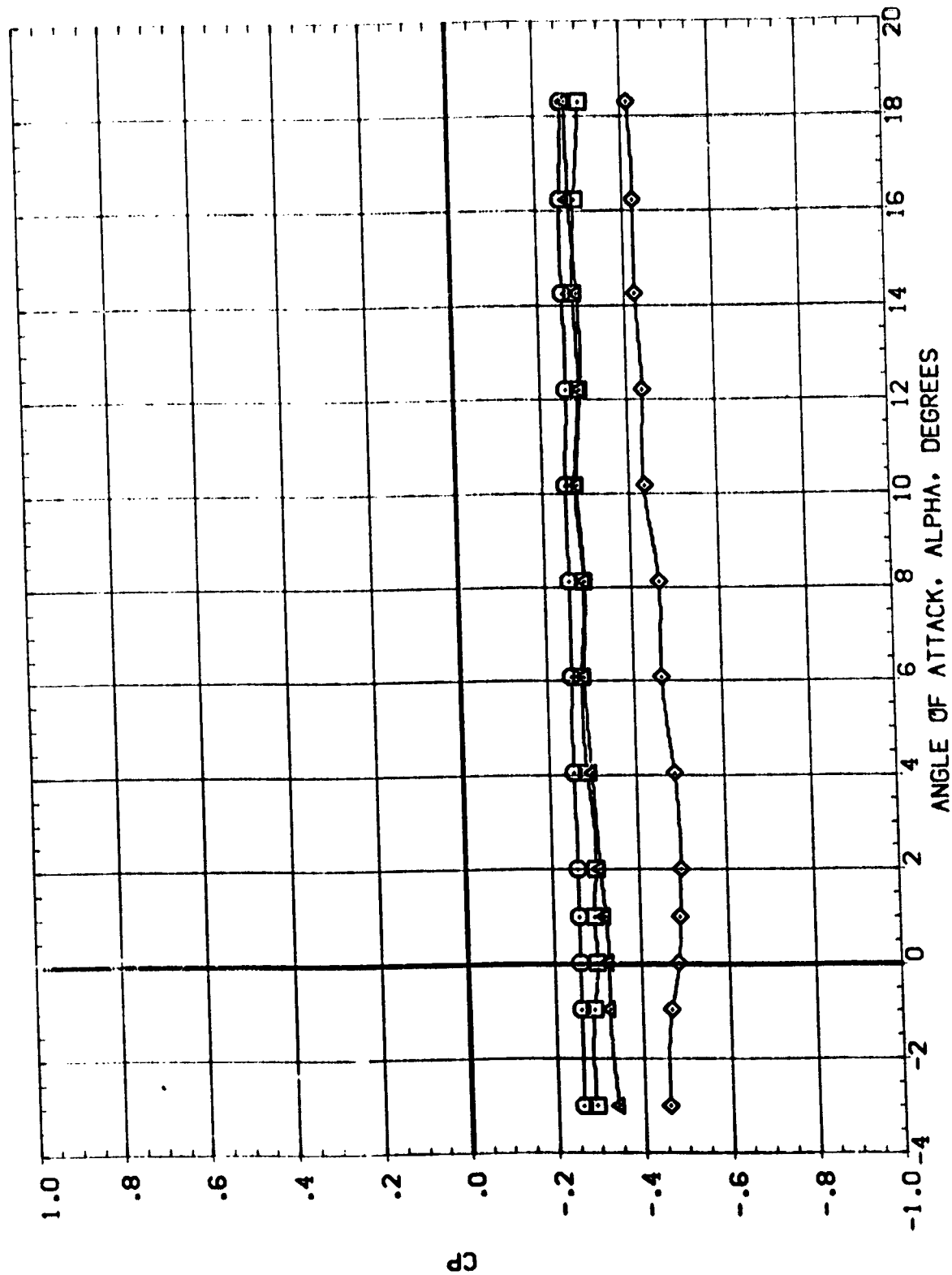
FUSELAGE BASE PRESSURES

(RDLCO1)

B10C507M2F1W87E18V5R5G1 FUSELAGE BASE

SYMBOL TAP NO A BETA  
□ 6.000 .000 -5.030  
◇ 7.000  
◇ 8.000  
△ 9.000

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000



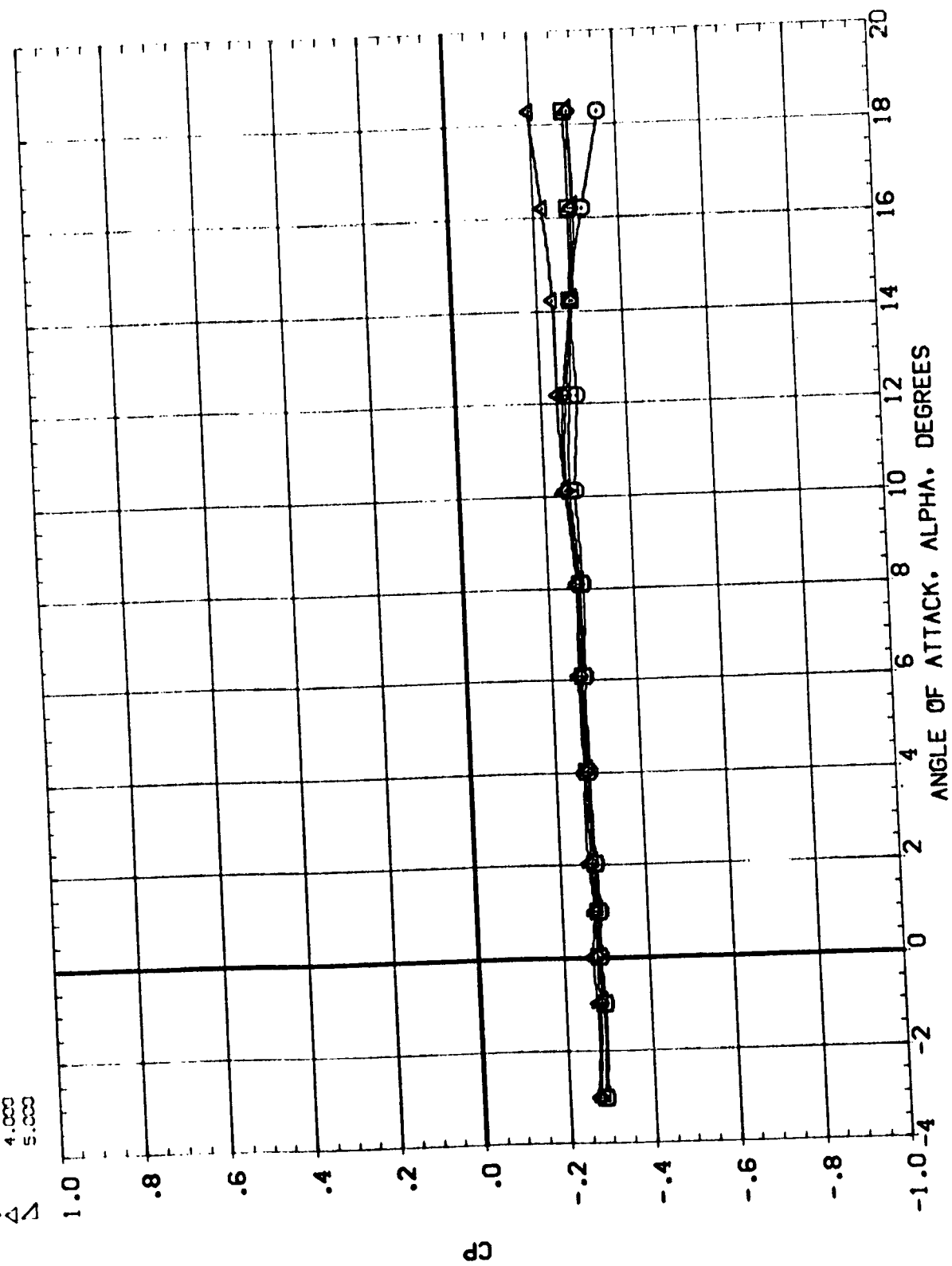
FUSELAGE BASE PRESSURES

(RDL001)

8100557M2F1W87E18V5R5G1 FUSELAGE BASE

Symbol TAP NO A BETA  
1.000  
2.000  
3.000  
4.000  
5.000

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFLR 40.000 FLAP -18.000



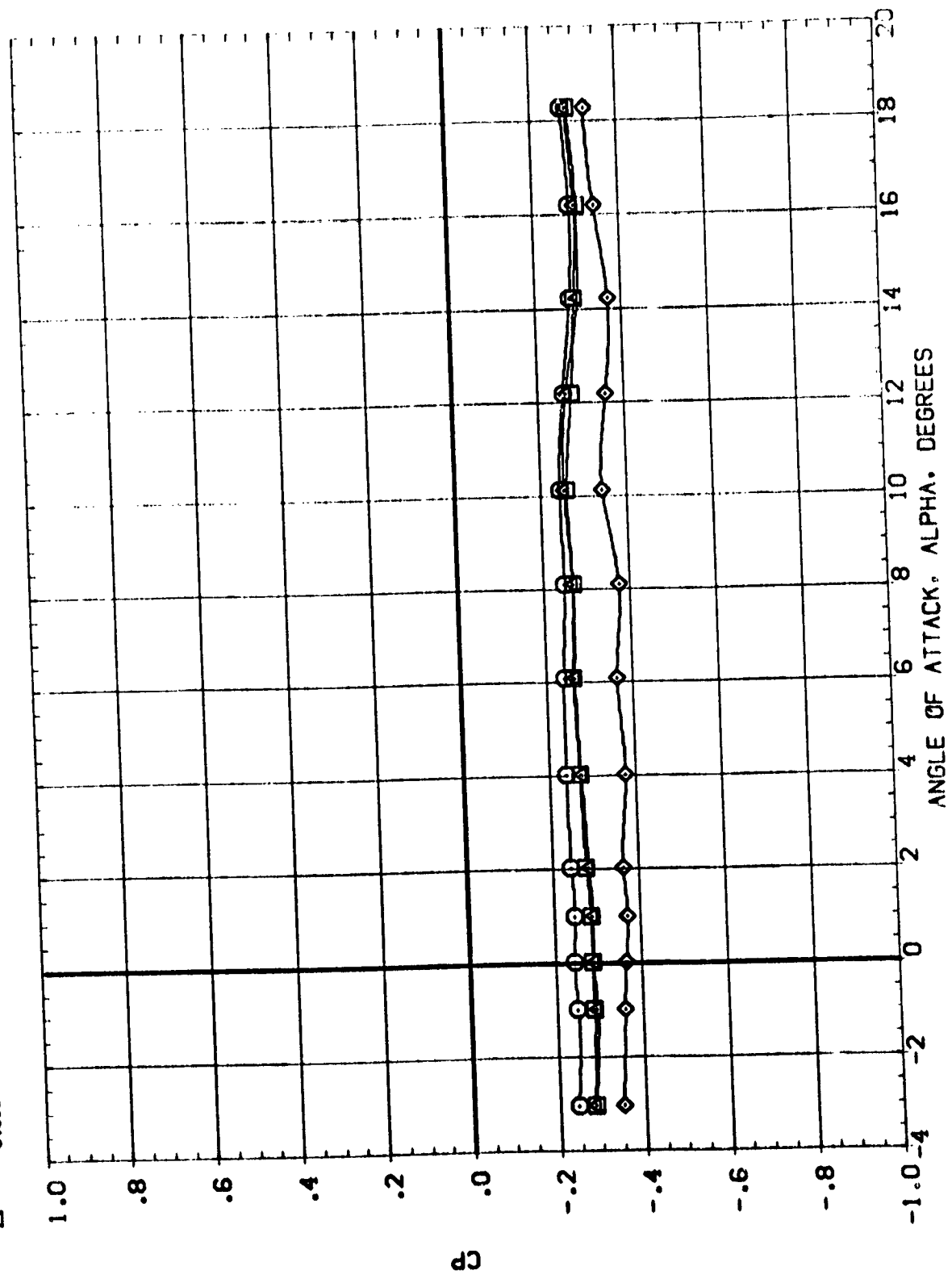
FUSELAGE BASE PRESSURES



B10C5D7M2F1W87E18VSR5G1 FUSELAGE BASE

(RDLCO1)

SYMBOL	TAP NO	A	BETA	PARAMETRIC VALUES				
				ELEVTR	RUOFLR	RUOFLR		
							FLAP	FLAP
○	6.000	.000	.000	.000	.000	.000		
□	7.000	.000	.000	.000	.000	.000		
◇	8.000	.000	.000	.000	.000	.000		
△	9.000	.000	.000	.000	.000	.000		



FUSELAGE BASE PRESSURES

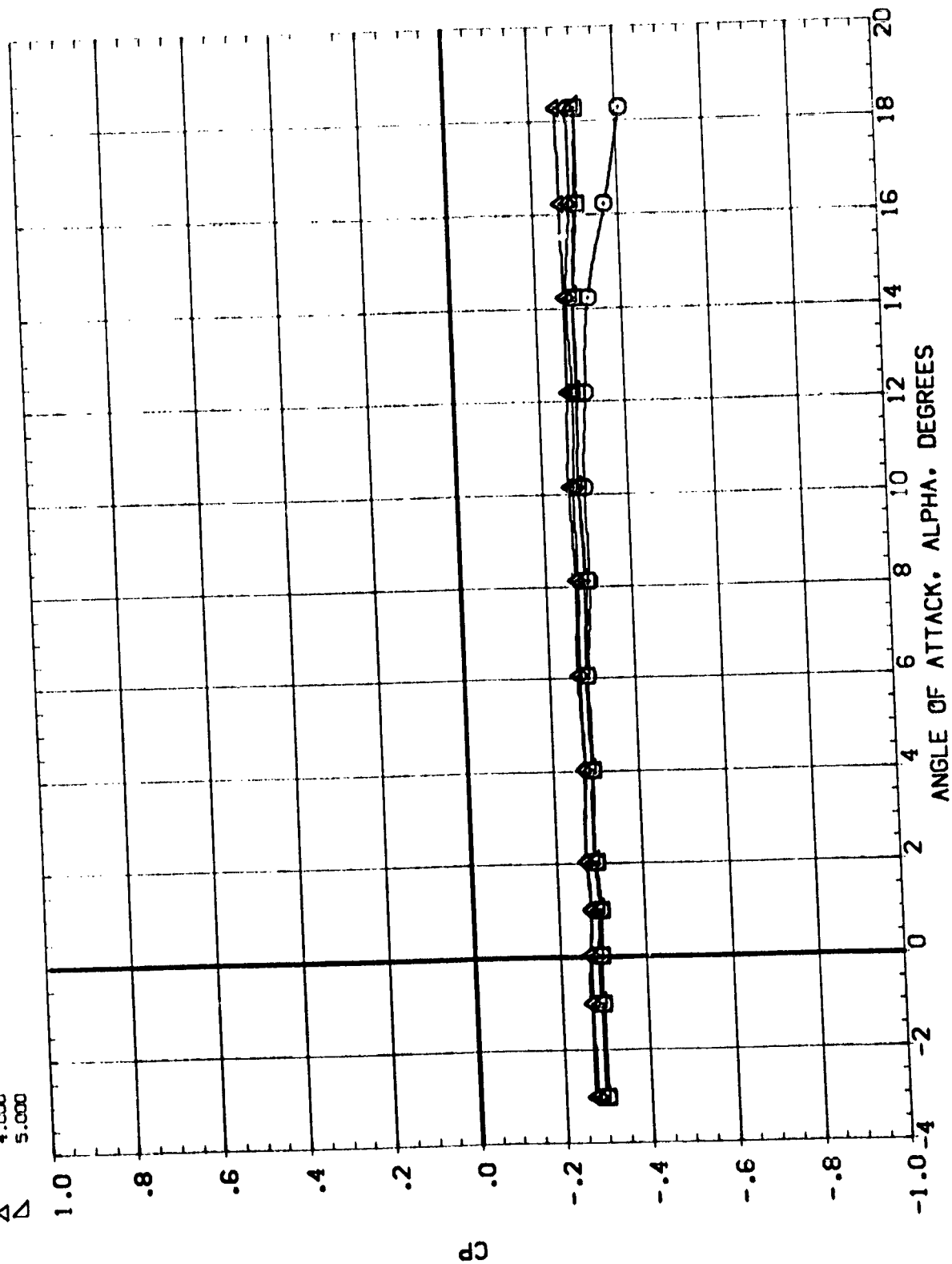


[RDLCO:]

B100507M2F1W87E18V5R5G1 FUSELAGE BASE

SYMBOL TAP NC A BETA  
 1.000  
 2.000  
 3.000  
 4.000  
 5.000

PARAMETRIC VALUES  
 ELEVATOR .000  
 RUDDER .000  
 FLAP 40.000  
 -18.000



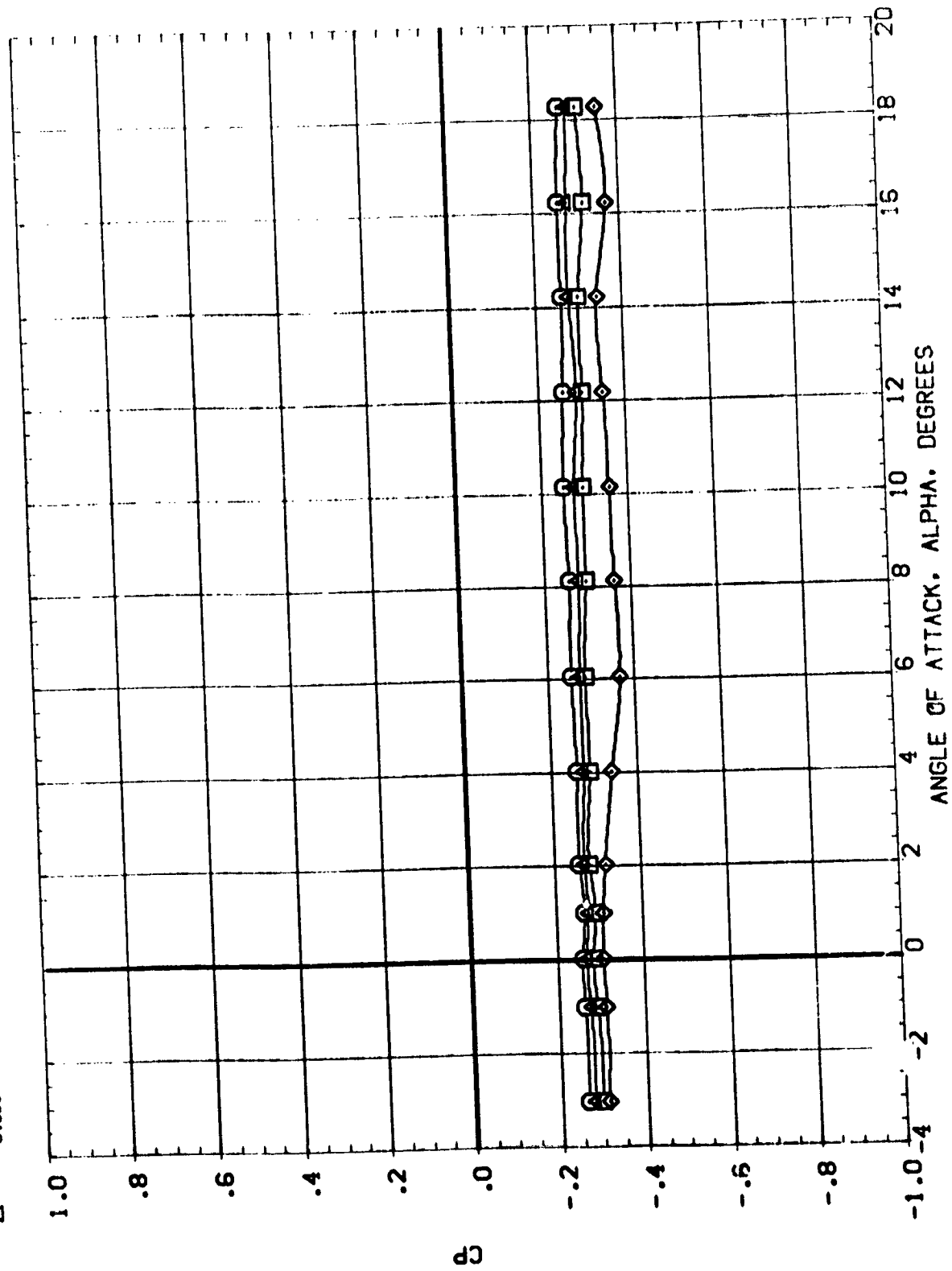
FUSELAGE BASE PRESSURES



B10C507M2F1W87E18V5R5G1 FUSELAGE BASE

(RDLCC01)

SYMBOL		TAP NO		A		BETA		PARAMETRIC VALUES	
○	□	6.000	7.000	8.000	9.000	.000	.000	.000	.000
◇	△					40.000	40.000	RJDEF	FLAP



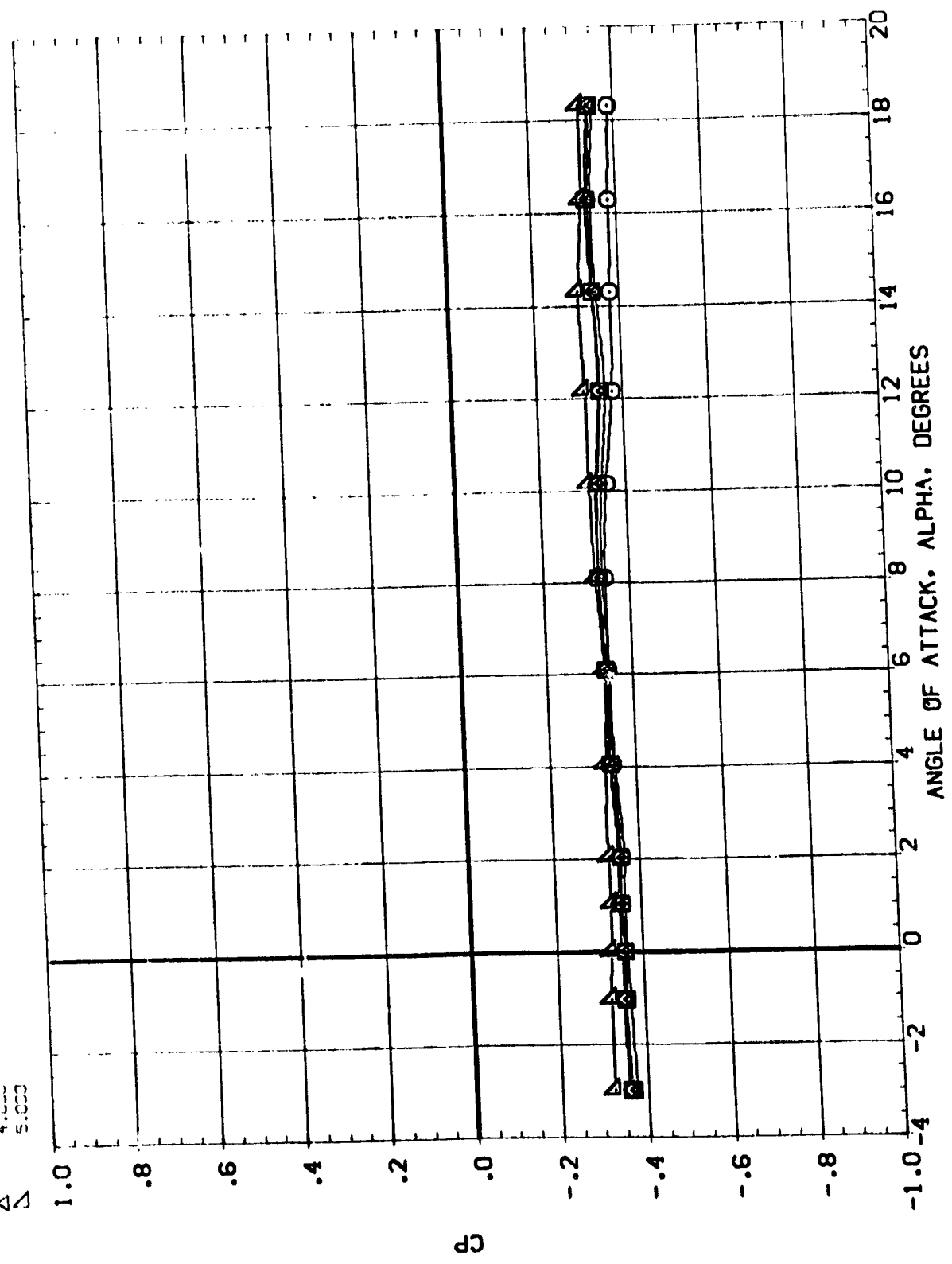
FUSELAGE BASE PRESSURES

(RDL001)

5:00507M2F1W87E18V5R5G1 FUSELAGE BASE

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUDFLR 40.000 FLAP -10.000

SYMBOL TAP NO A BETA  
1.000  
2.000  
3.000  
4.000  
5.000



FUSELAGE BASE PRESSURES

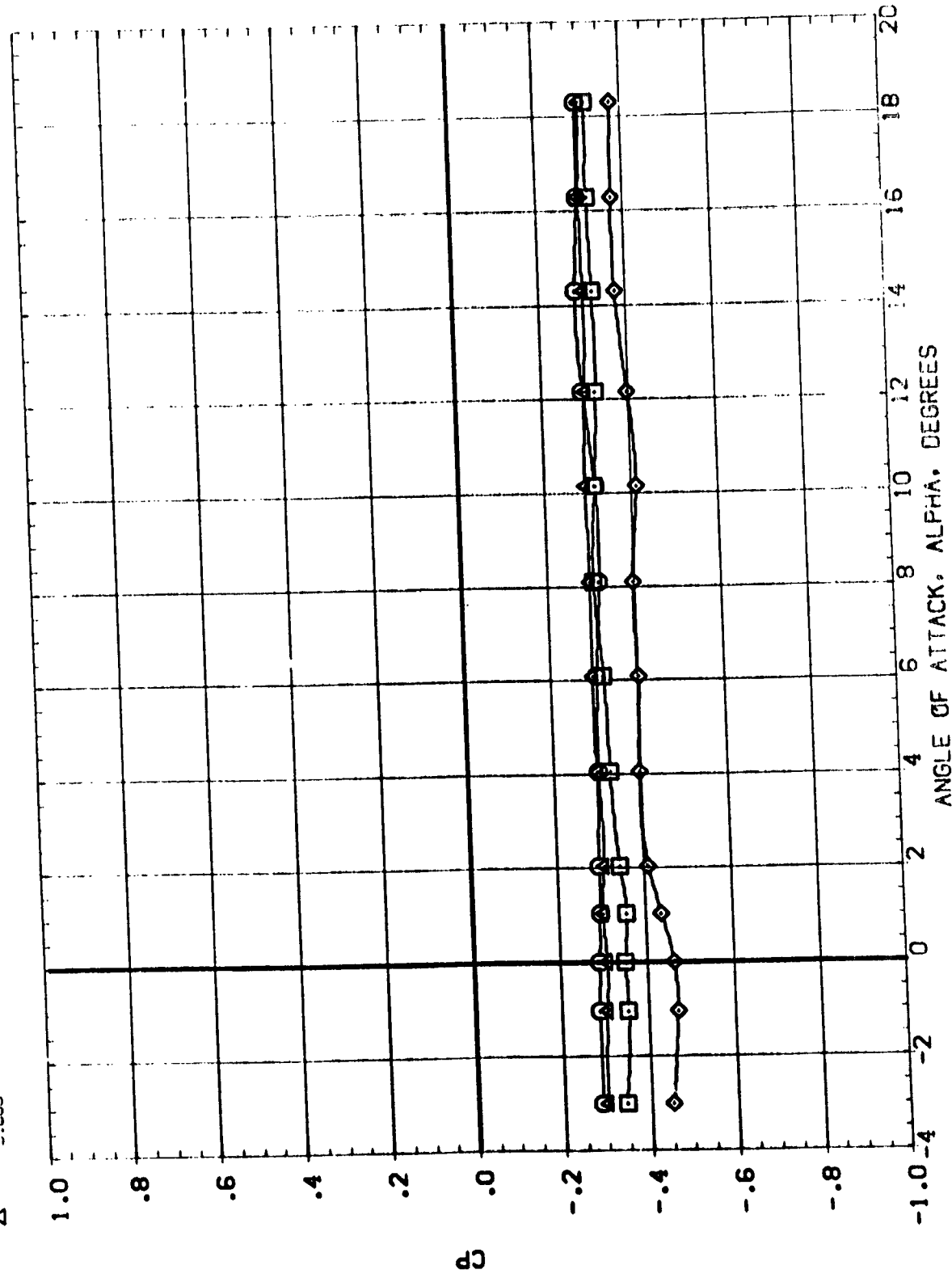


B10C5D7M2F1W87E18V5R5G1 FUSELAGE BASE

(RDLCO1)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
R.DFLR 40.000 FLAP -18.000

SYMBOL TAP NO A BETA  
□ 6.000 10.030  
◇ 7.000  
◇ 8.000  
△ 9.000



FUSELAGE BASE PRESSURES

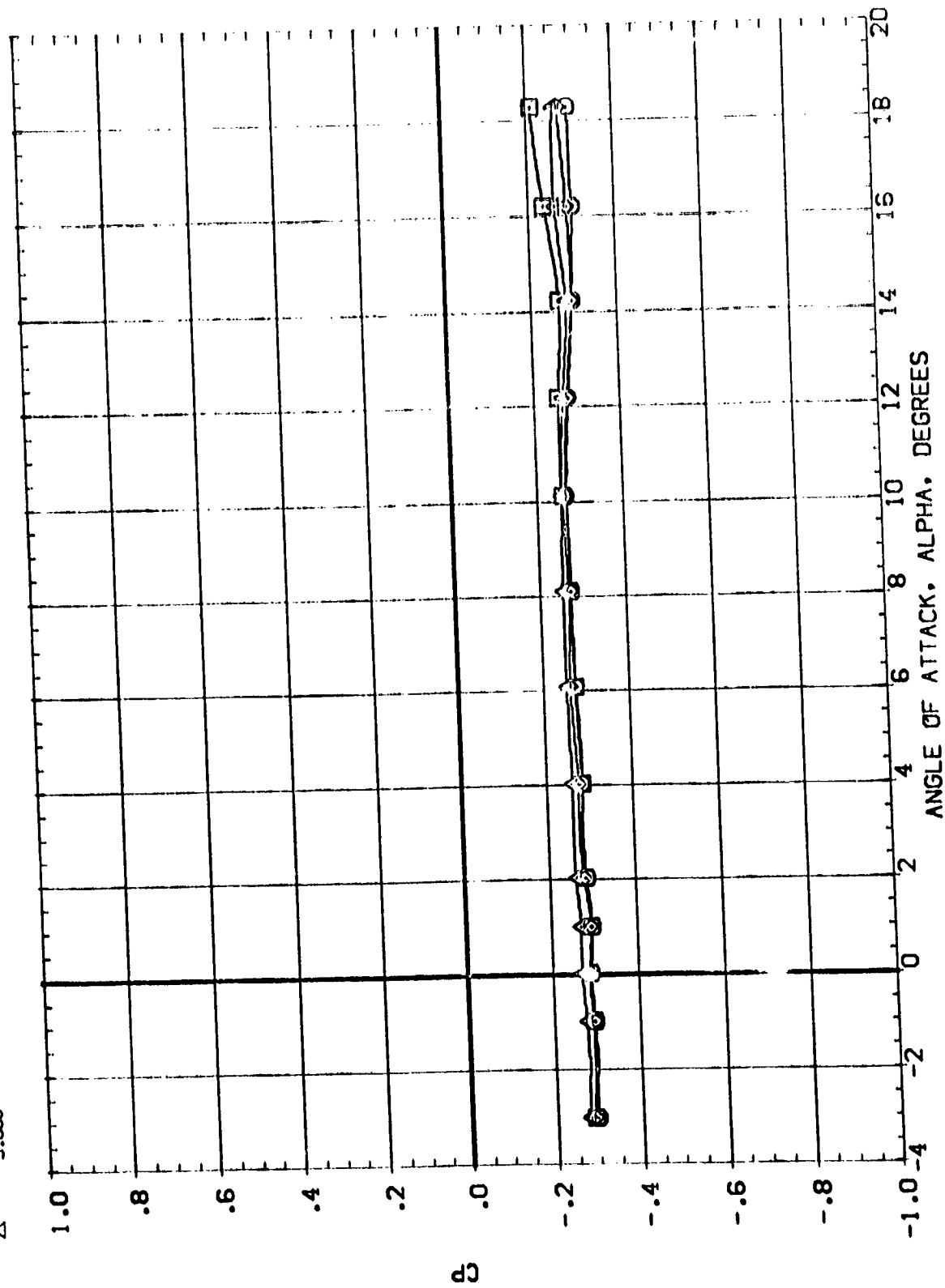


(RDL005)

B10C537M2F1W87E18V5R5G1 FUSELAGE BASE

PARAMETRIC VALUES  
ELEVTR .000 ROOBER -15.000  
RUFLR 40.000 FLAP -18.000

SYMBOL TAP NO A BETA  
3.000 .000 .000  
4.000  
7.000  
9.000

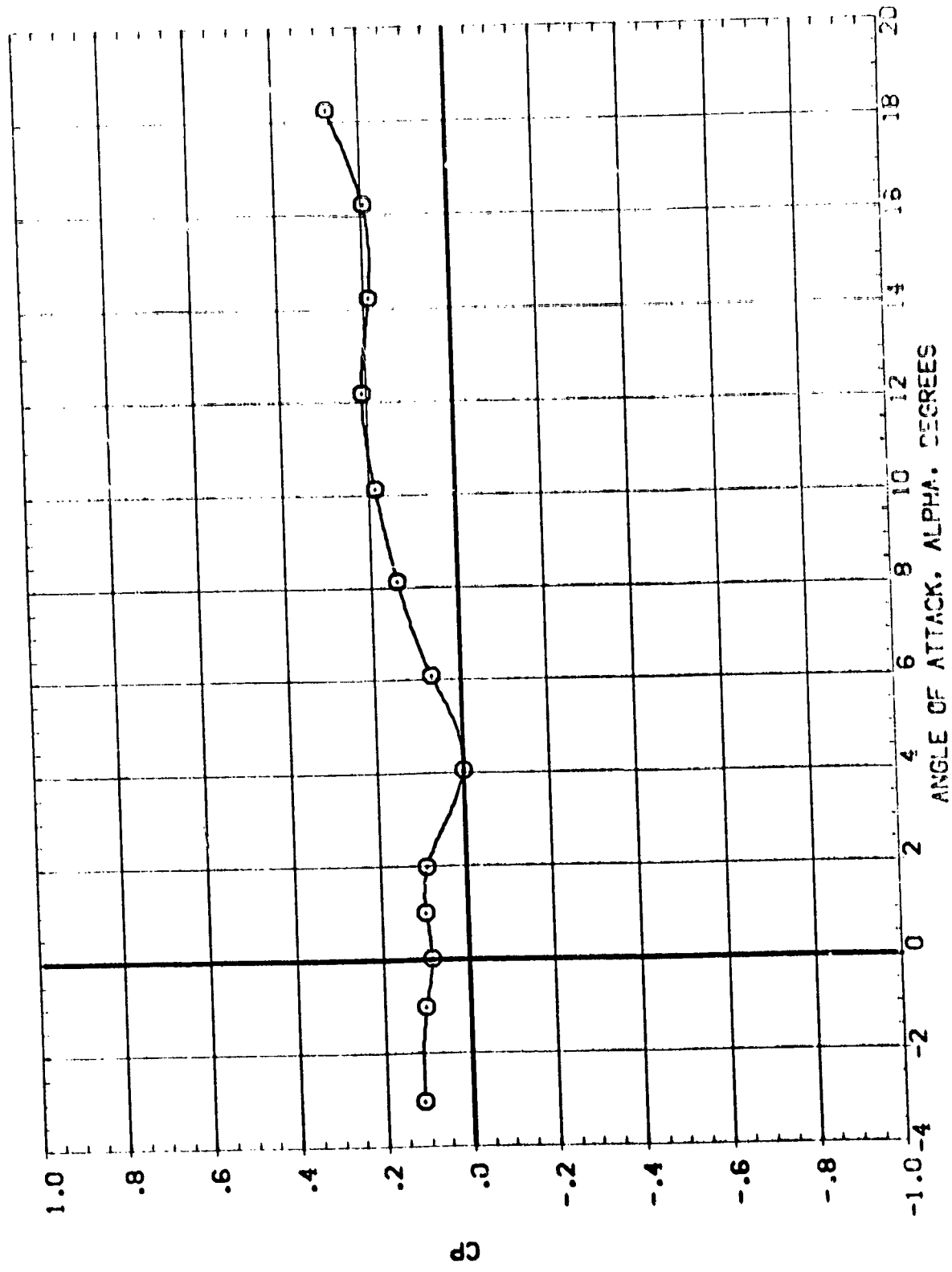


FUSELAGE BASE PRESSURES

3100507M2F1W67E18V5R5G1 APU INLET

(RDLPC01)

SYNCH	Z/BV	X/CV	BETA	ELEVTR	PARAMETRIC VALUES
0	.079	.076	-10.050	RDLR	.000
				RDLR	-10.000
				FLAP	



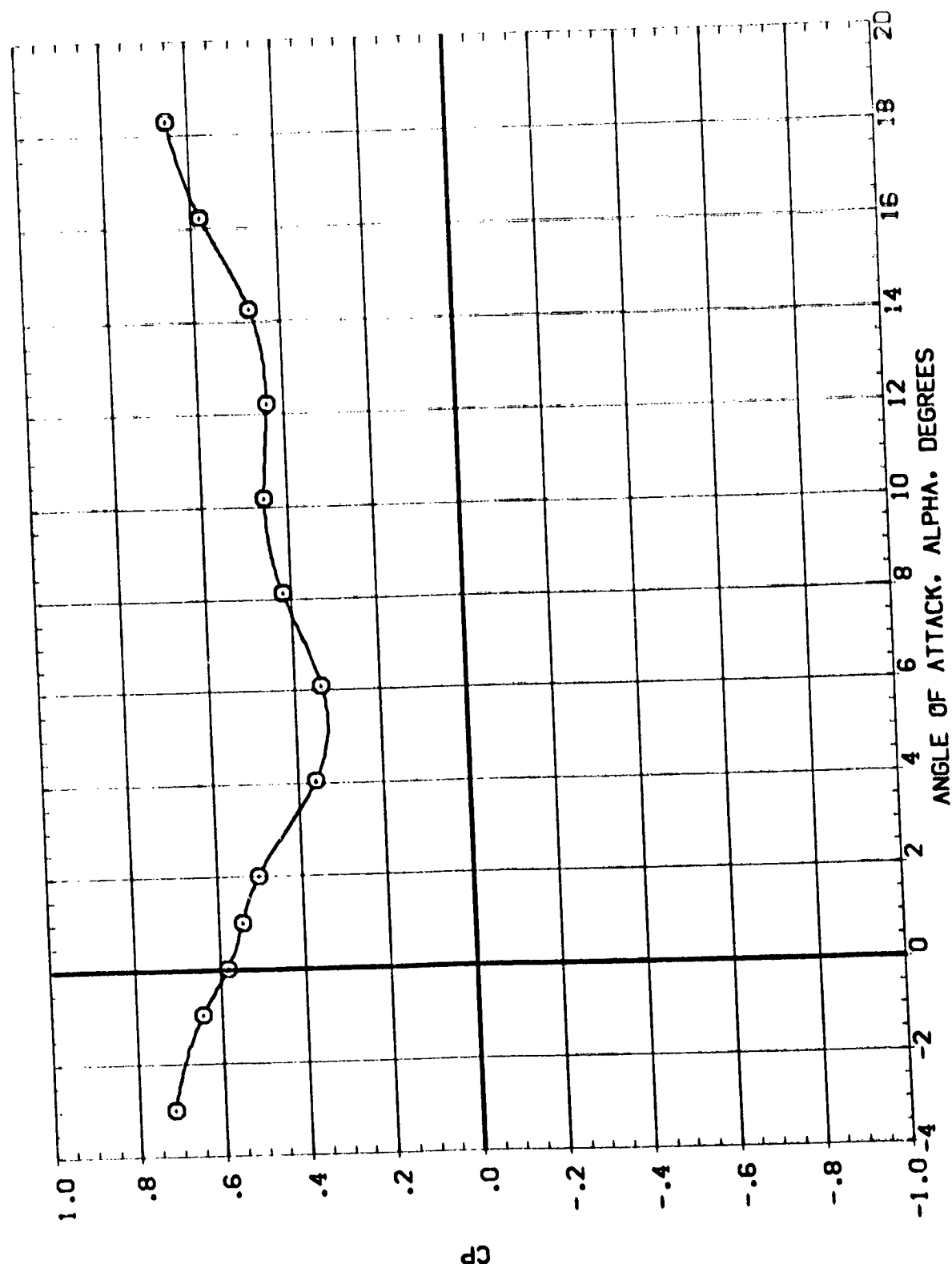


B:00507M2F1X87E18V5R5G1 APU INLET

(RDL P010)

PARAMETRIC VALUES  
ELEVTR .000  
RUDER .000  
FLAP -18.000

SV80L Z/BV .078  
X/CV .076  
BETA -5.030



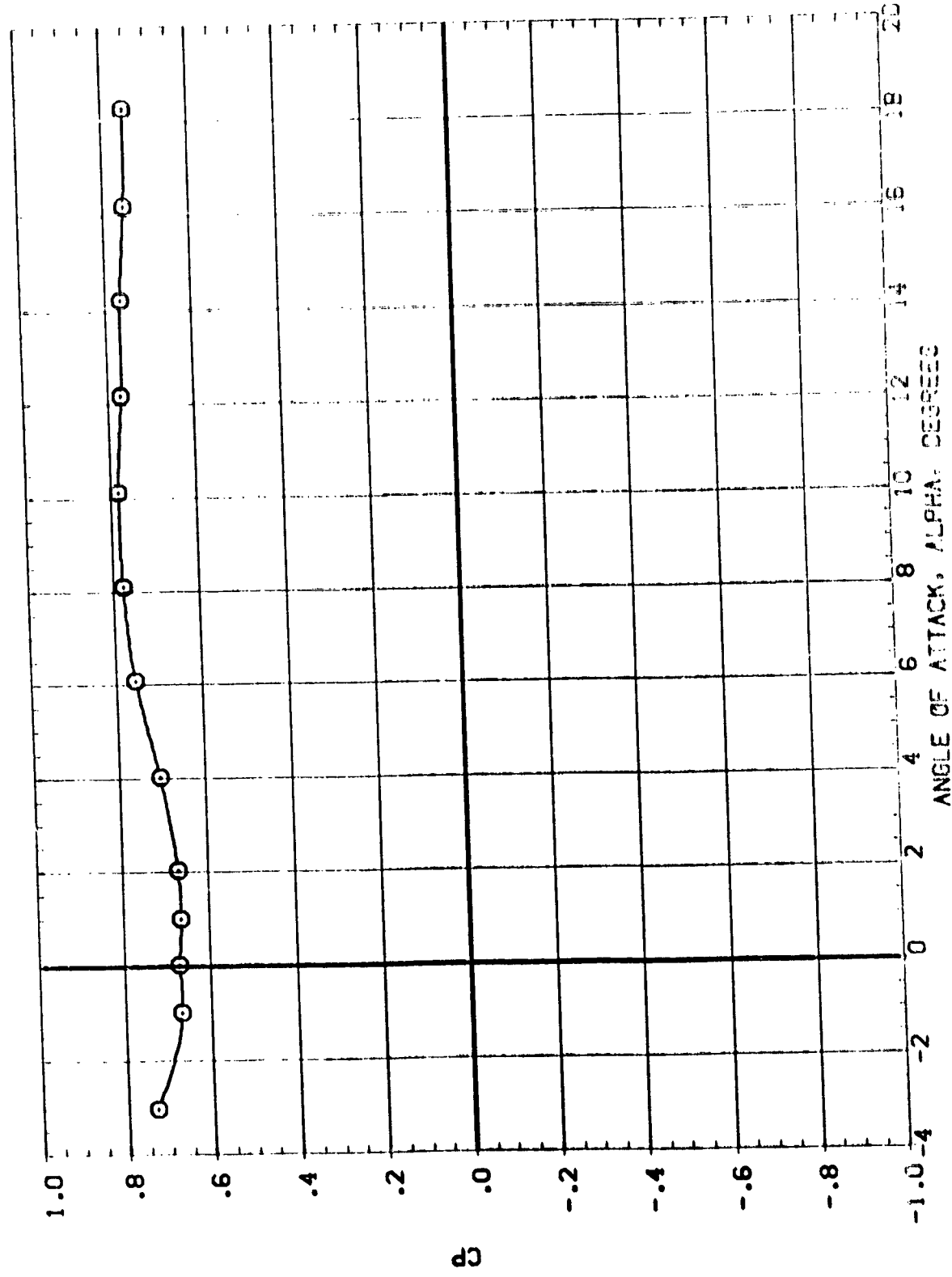
APU INLET PRESSURES

910C5C7M2F:W87E18V5R5G1 APU INLET

(RDLPC1)

SYMBOL Z/EV X/CV BETA  
O 075 .276 .000

PARAMETRIC VALUES  
ELEVTR .000 ROLTR .000  
RDLFLR 40.000 FLAP -18.000



APU INLET PRESSURES



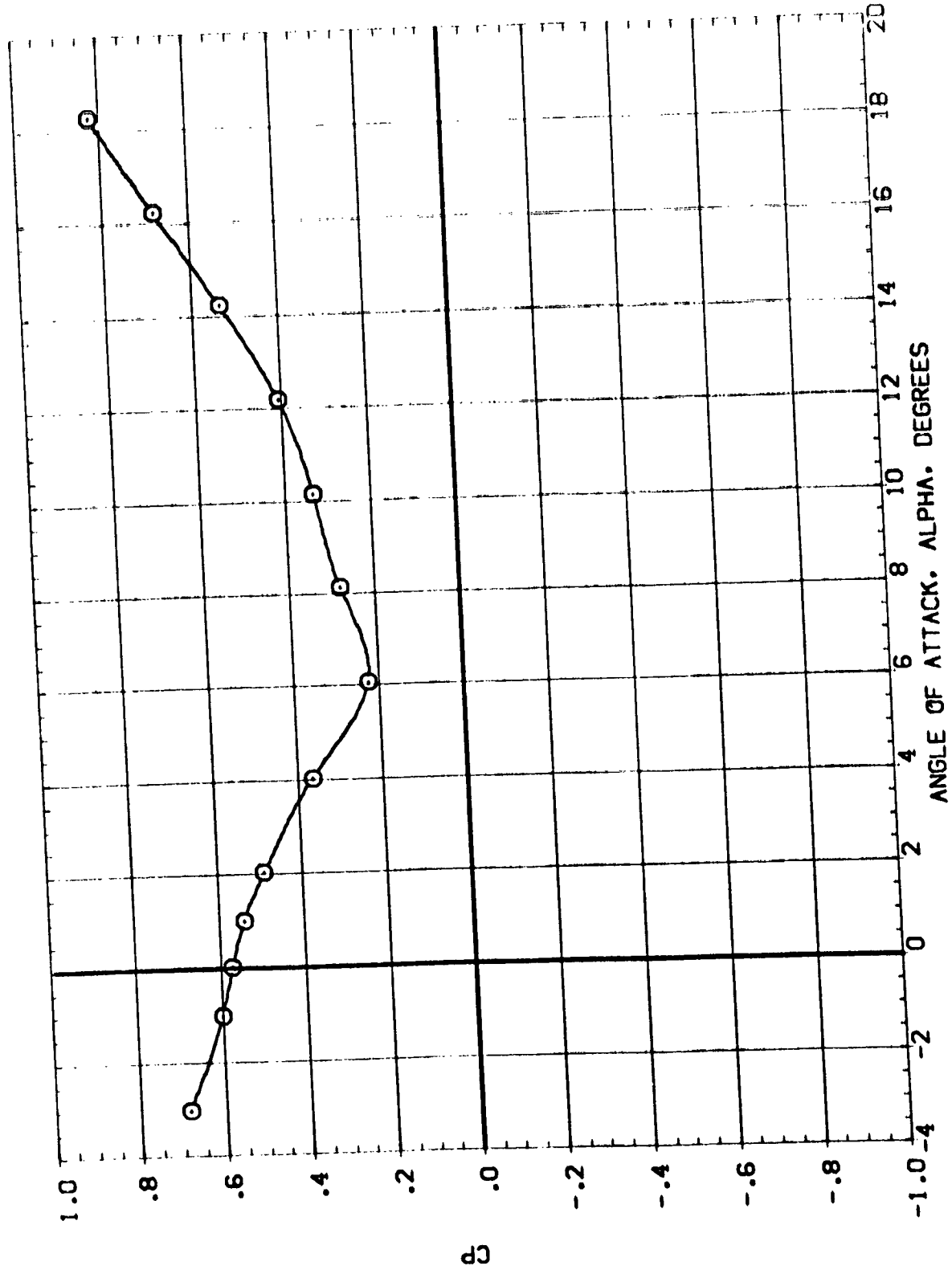


8100507M2F1W87E18V5R5G1 APU INLET

(CRO1P011)

PARAMETRIC VALUES  
ELEVTR .000 RUDTR .000  
RUDFLR 40.000 FLAP -18.000

SVGRZ Z/BAV X/CV BETA  
0 .079 .076 5.000



APU INLET PRESSURES

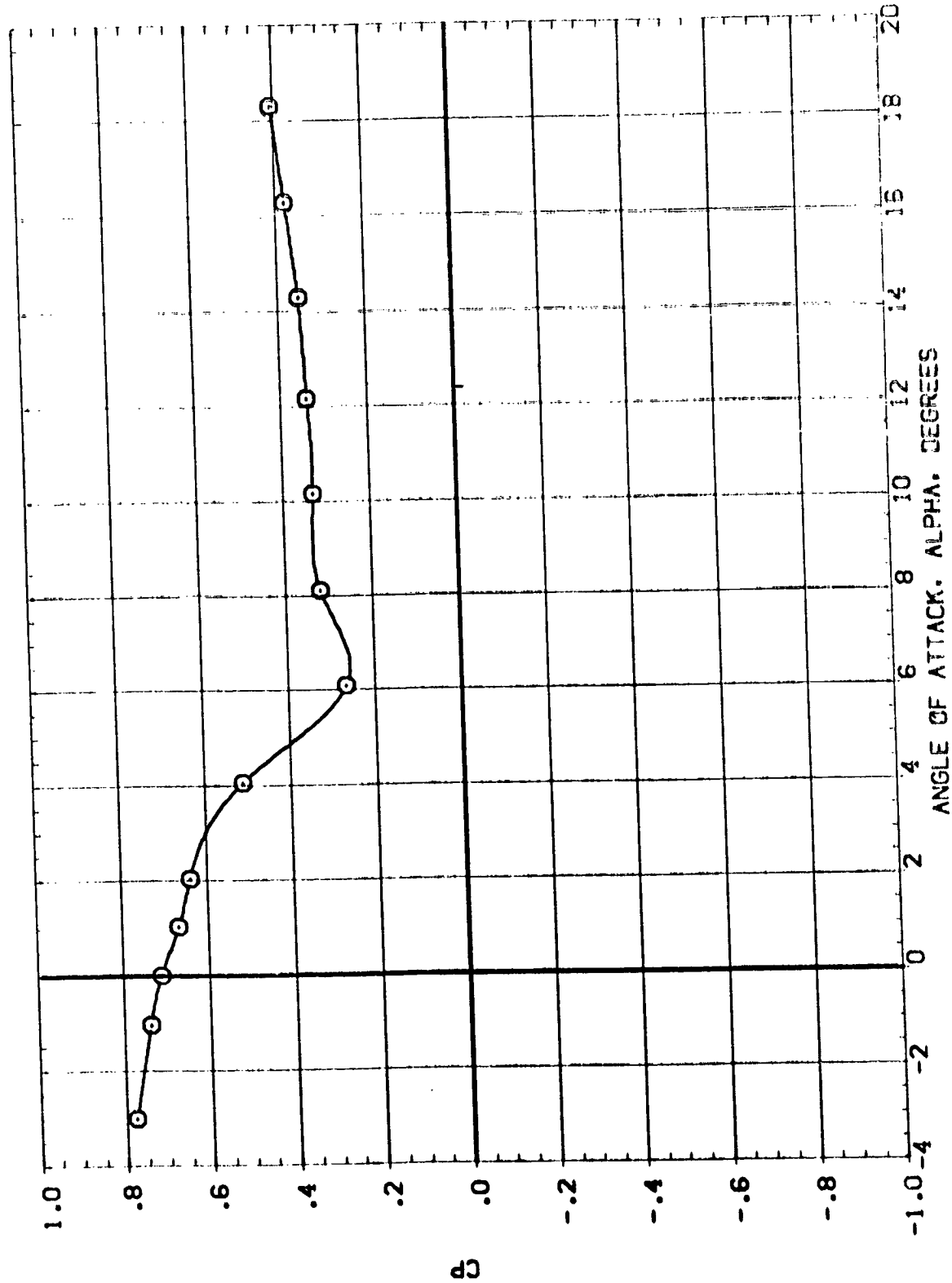


810C507M2F1W87E18V5R5G1 APU INLET

(RDLPC1)

SYMBOL Z/BV X/CV BETA  
O .079 .076 10.030

PARAMETRIC VALUES  
ELEVTR .000 RODER .000  
RODLR 40.000 FLAP -18.000



APU INLET PRESSURES

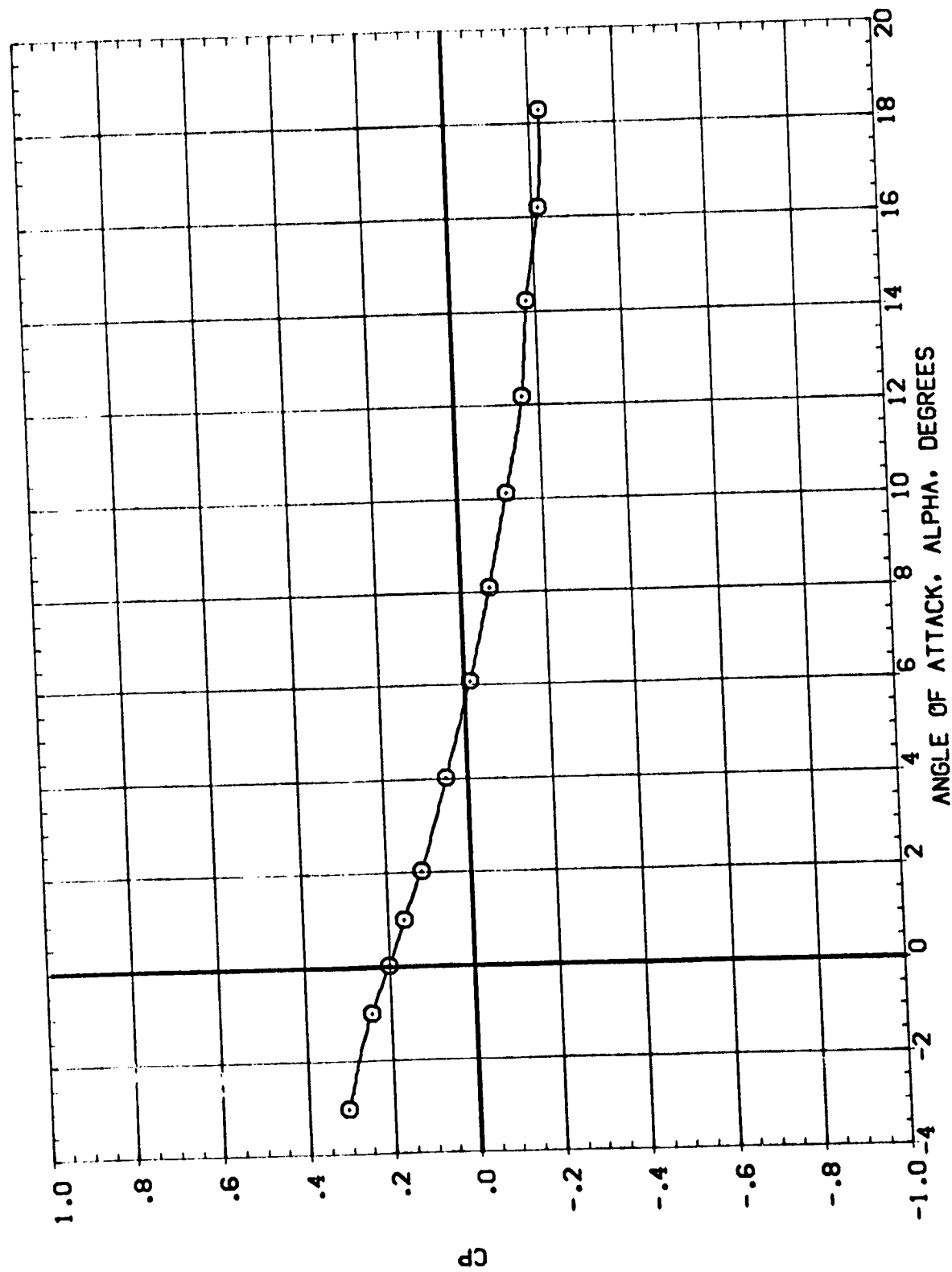


B100507M2F1W87E18V5R5G1 APU INLET

(RDLP05)

PARAMETRIC VALUES  
ELEVTR .000 RUDER -15.000  
R.DFLR 40.000 FLAP -18.000

SYMBOL Z/BV X/CV BETA  
C .079 .076 .000



APU INLET PRESSURES

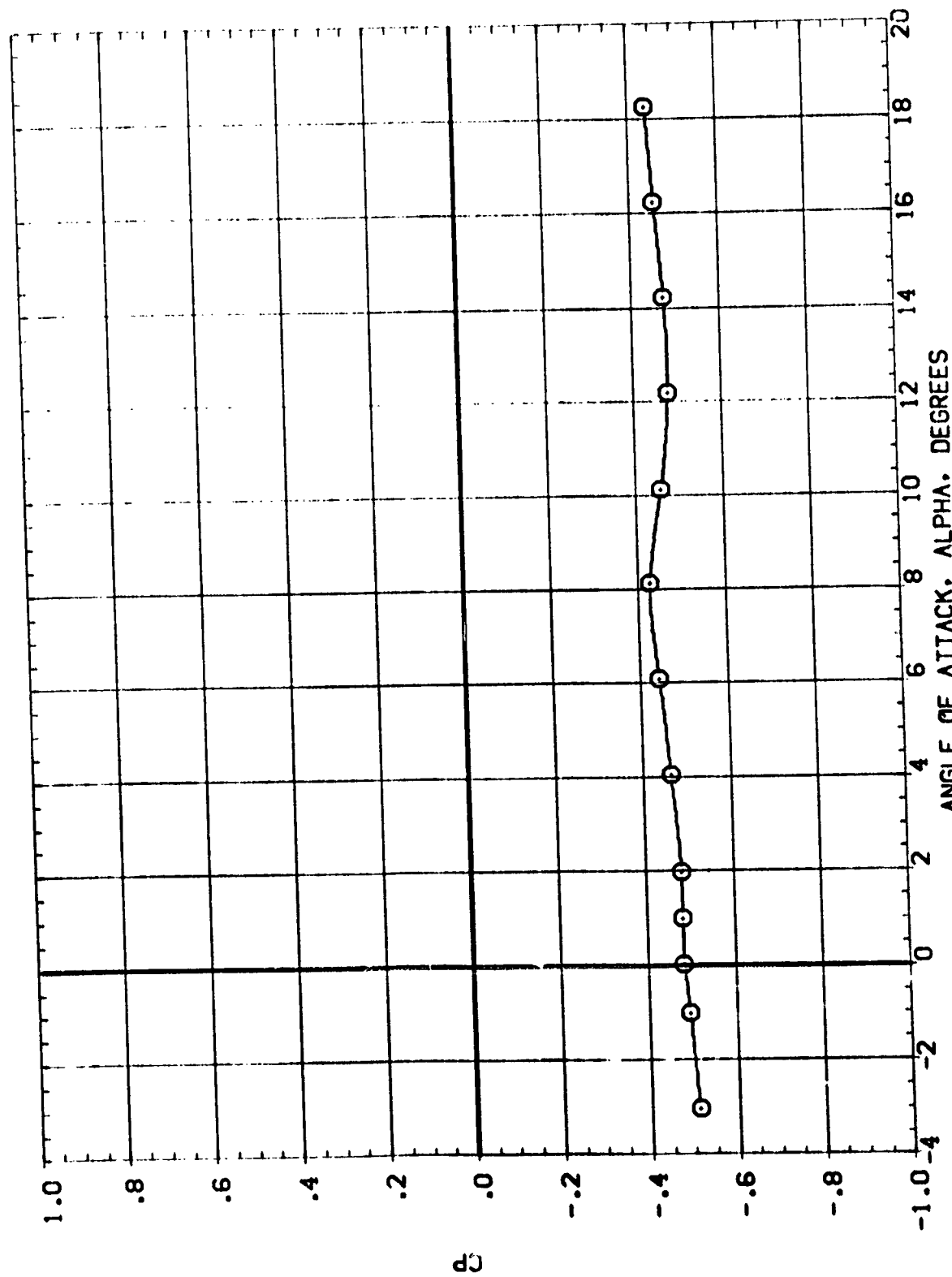


(RDL101)

B10C5D7M2F1W87E18V5R5G1 VERTICAL BASE

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RJOFLR 40.000 FLAP -18.000

SYMBOL TAP NO A BETA  
O 499.000 .000 -10.050



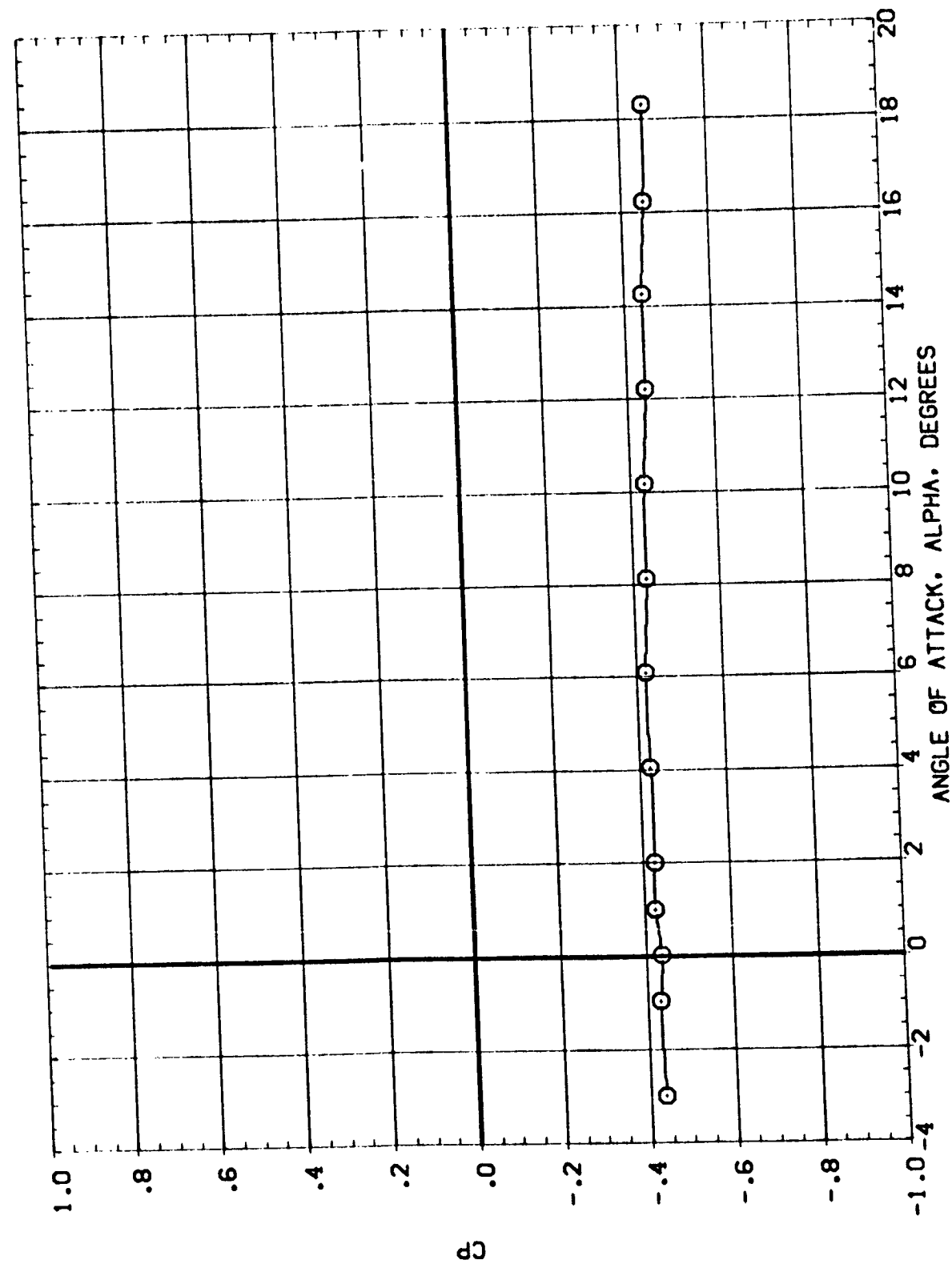
VERTICAL TAIL FLARE BASE PRESSURES

(RDL101)

B10C507M2F1W87E18V5R5G1 VERTICAL BASE

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
R.O.FLR 40.000 FLAP -18.000

SYNTH 499.000 A .000 BETA -5.030



VERTICAL TAIL FLARE BASE PRESSURES

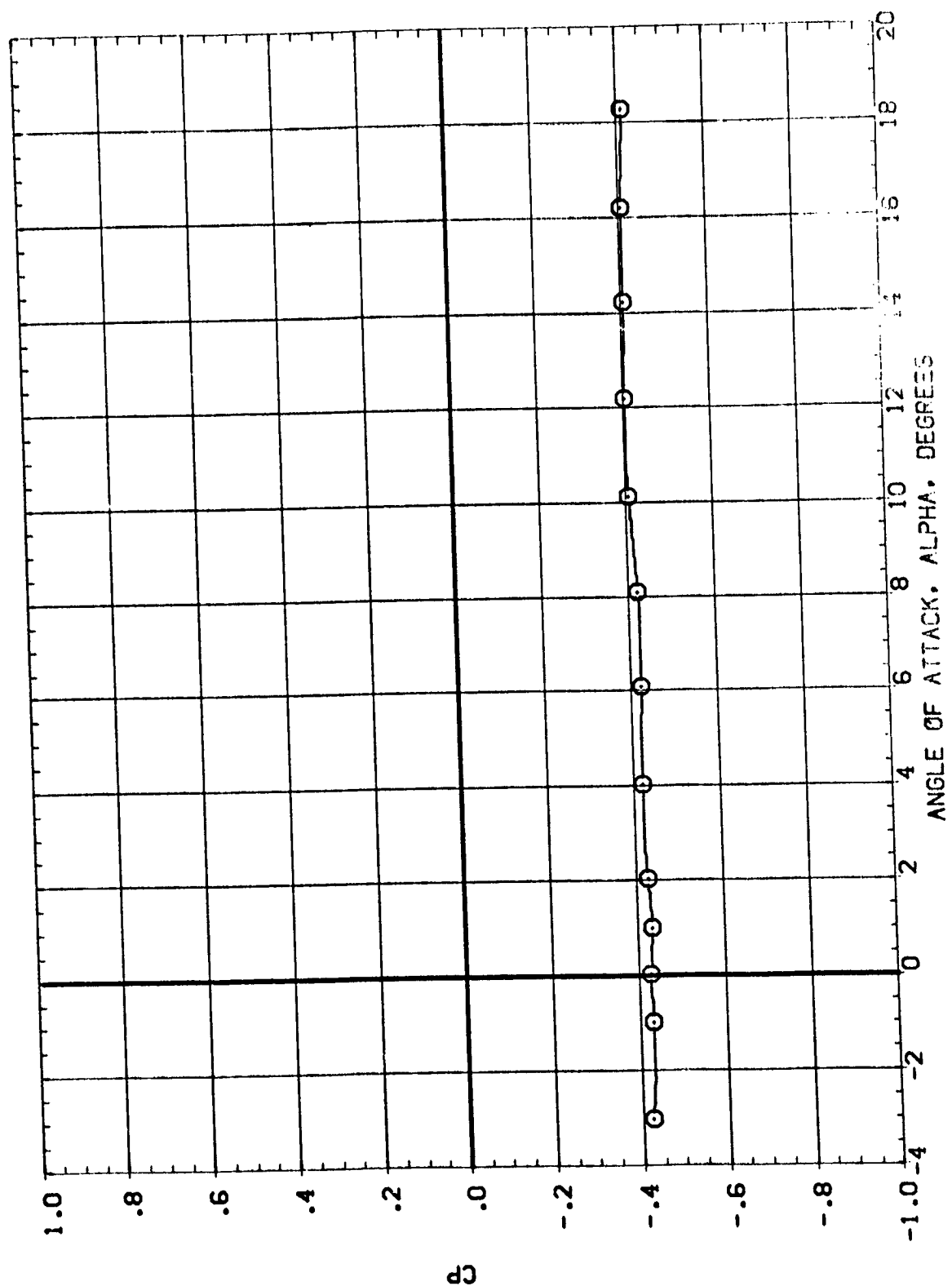


B10C5D7M2F1W87E18V5R5G1 VERTICAL BASE

(RDL101)

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUOFLR 40.000 FLAP -18.000

SYMBOL TAP NO A BETA  
O 499.000 .000



VERTICAL TAIL FLARE BASE PRESSURES

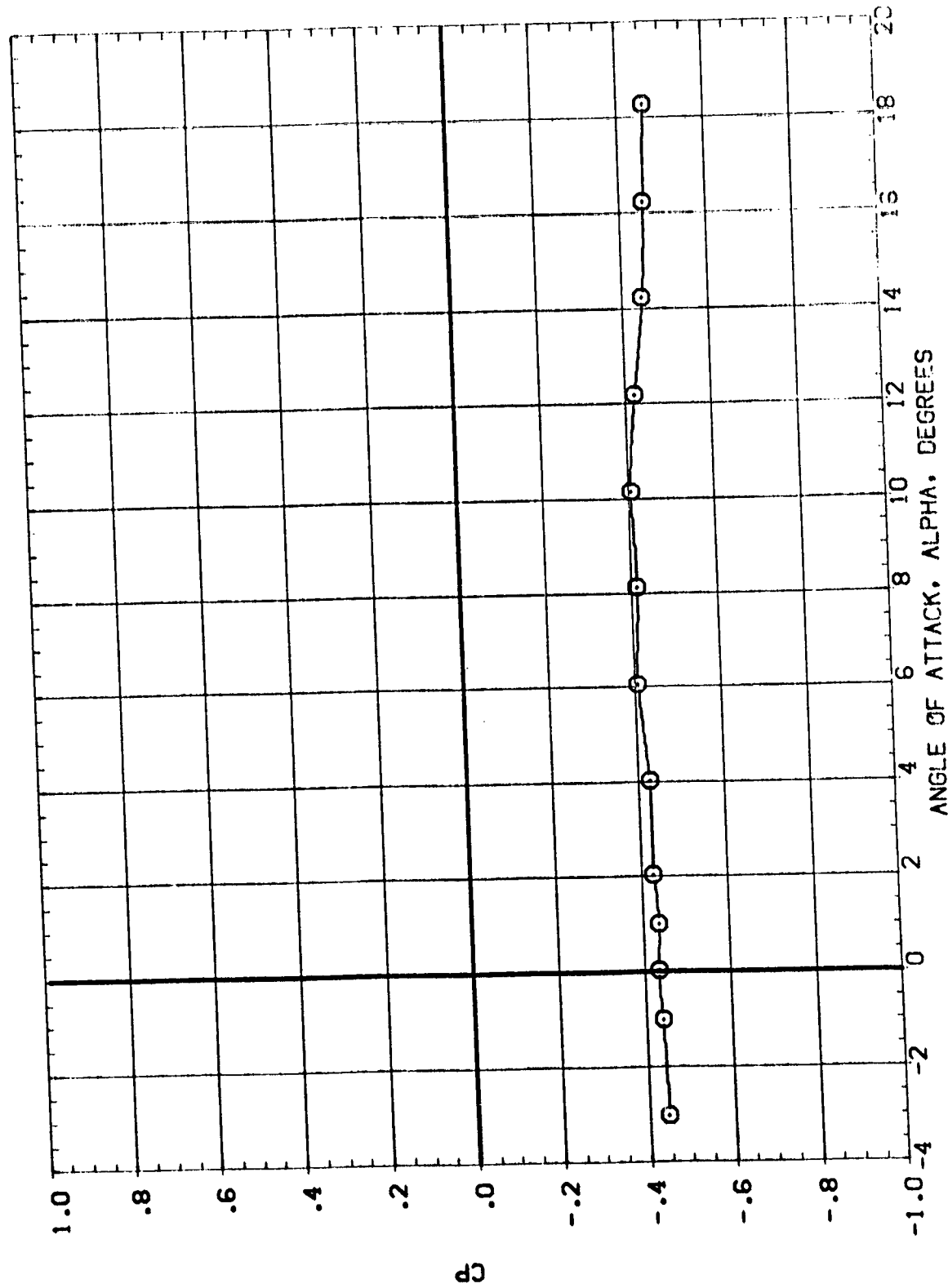


B10C5D7M2F1W87E18V5R5G1 VERTICAL BASE

(RDL101)

SYMBOL TAP NO A BETA  
O 499.000 .000 5.000

PARAMETRIC VALUES  
ELEVTR .000 RUDDER .000  
RUOFFLR 40.000 FLAP -18.000



VERTICAL TAIL FLARE BASE PRESSURES

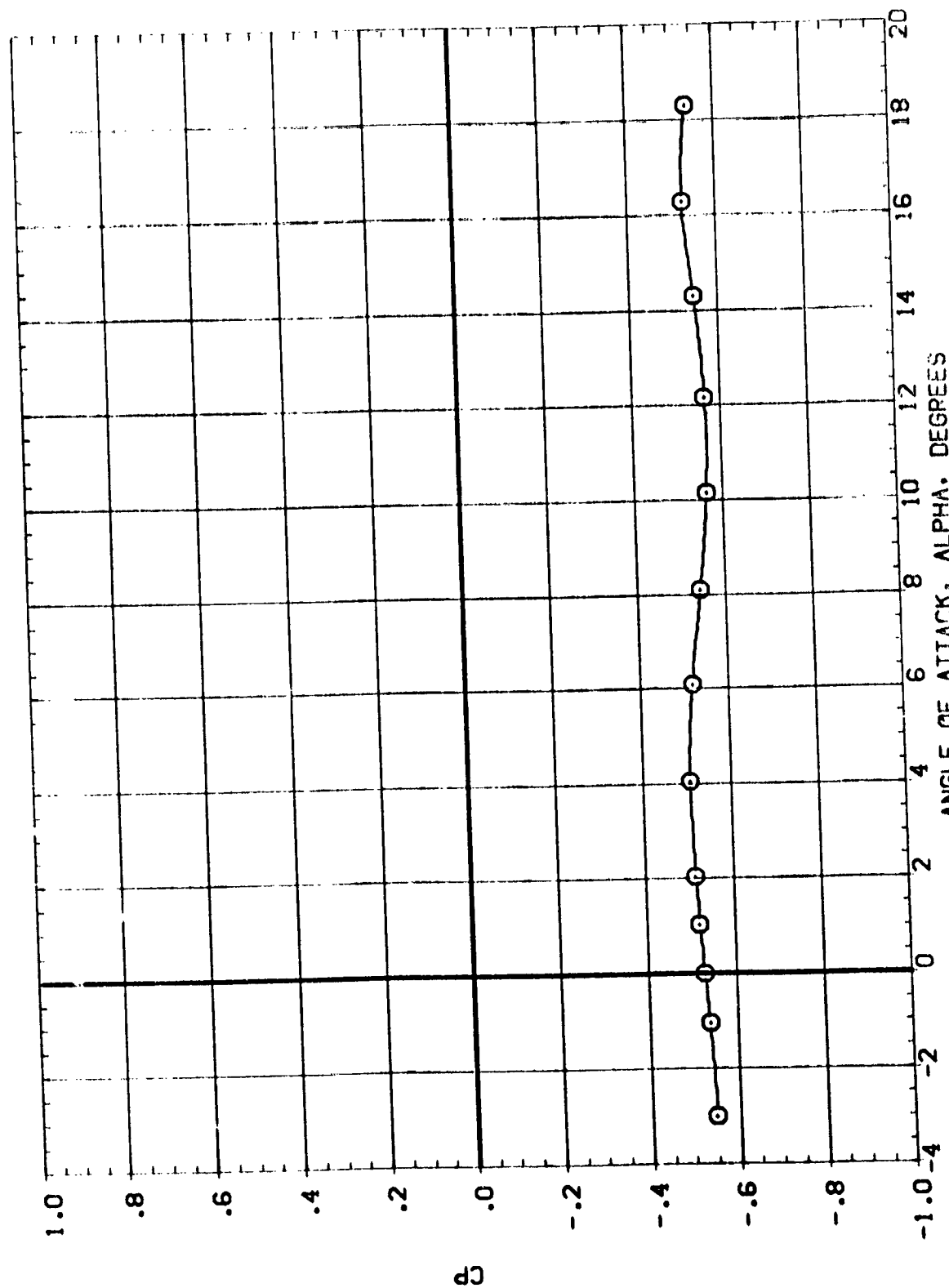


310C507M2F1W87E18V5R5G1 VERTICAL BASE

(RDL101)

SYMBOL TAP NO 1 BETA 10.030  
499.000

PARAMETRIC VALUES  
ELEVTR .000 RODER .000  
RUFLR 40.000 FLAP -19.000



VERTICAL TAIL FLARE BASE PRESSURES